

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p>  <p><b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )</p>	<p>1. CERTIFICATE NUMBER: 23-R-0001 CUSTOMER NUMBER: 207</p>	<p>FORM APPROVED OMB NO. 0579-0036</p>
<div style="float: right; text-align: right; font-size: 1.2em; font-weight: bold;">OCT 11 2002</div> <div style="clear: both;"></div> <p>University Of The Sciences In Philadelphia Philadelphia College Of Pharmacy 600 South 43rd Street Philadelphia, PA 19104</p> <p>Telephone: (215)-596-8820</p>		

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	4	0	0	4
7. Hamsters	0	0	0	0	0
8. Rabbits	0	6	0	0	6
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL: *[Signature]*

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

*10/10/02*

USDA Annual Report  
University of the Sciences in Philadelphia  
Certificate Number: (23-R-0001)

Facility Locations where animals are housed and used:

Pharmacology and Toxicology Center  
3<sup>rd</sup> Floor  
Room 331  
42<sup>nd</sup> and Woodland Avenue  
Philadelphia, PA 19104

Pharmacology and Toxicology Center  
2<sup>nd</sup> Floor  
Room PTC 247  
42<sup>nd</sup> and Woodland Avenue  
Philadelphia, PA 19104

OCT 04 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0003

FORM APPROVED  
OMB NO. 0579-0036

CUSTOMER NUMBER: 212

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Lankenau Institute For Medical Research  
100 Lancaster Ave  
Wynnewood, PA 19096

Telephone: (610) -645-8400

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Research Annex - October 1, 2001 - September 30, 2002  
FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	3	0	3
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	82	0	82
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

10-2-02

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p>  <p><b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )</p>	<p>1. CERTIFICATE NUMBER: 23-R-0005 CUSTOMER NUMBER: 219</p>	<p>FORM APPROVED OMB NO. 0579-0036</p>
<p>Philadelphia Health &amp; Education Corporation Drexel University College Of Medicine Mail Stop 490 Broad &amp; Vine Philadelphia, PA 19102</p> <p>Telephone: (215) -762-7968</p>		

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	1	25	0	26
5. Cats	0	0	7	0	7
6. Guinea Pigs	0	9	125	0	134
7. Hamsters	0	0	27	0	27
8. Rabbits	0	84	403	0	487
9. Non-human Primate	0	0	3	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	19	226	0	245
12. Other Farm Animals					
13. Other Animals					
Prairie Dogs	0	0	71	0	71

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

*10/27/02*



FORM APPROVED  
OMB NO. 0579-0036

Telephone: (412) -232-8034

**FACILITY LOCATIONS ( Sites ) - See Attached Listing**

NOT APPLICABLE -- ONLY RATS USED LAST YEAR

## DATE SIGNED \_\_\_\_\_

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NOV 27 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0007  
CUSTOMER NUMBER: 281

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Covance Research Products, Inc.  
310 Swampbridge Road  
P.O. Box 7200  
Denver, PA 17517

Telephone: (717) -336-4921

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
Dogs	5	420	201	0	621
Cats	0	0	3	0	3
Guinea Pigs	59	489	90	0	579
Hamsters	0	0	0	0	0
Rabbits	209	9,921	64	0	9,985
Non-human Primate	0	368	0	0	368
Sheep	31	133	36	0	167
Pigs	42	9	405	0	414
Other Farm Animals				0	
goats	24	62	20	0	82
Other Animals cow	0	0	36	0	36
chicken	35	517	0	0	517
burro	0	2	0	0	2
horse	0	9	0	0	9

**SURANCE STATEMENTS**

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- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

All business locations housing animals:

**Registration No 23 R-0007 – Covance Research Products Inc.**

Covance Research Products Inc.  
310 Swampbridge Road  
Denver, PA 17417  
Telephone: 717/336-4921

Covance Research Products Inc.  
6321 South 6<sup>th</sup> Street  
Kalamazoo, MI 49009-9611  
Telephone: 616/375-0482

Covance Research Products Inc.  
Jim Wells County Road #381  
Alice, TX 78333  
Telephone: 512/664-4984

Covance Research Products Inc.  
800 University Avenue  
Berkeley, CA 94710  
Telephone: 510/704-0140

(Proposed)  
Covance Research Products Inc.  
482 French's Store Rd.  
Cumberland, VA 23040

DEC 16 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0013  
CUSTOMER NUMBER: 297

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Duquesne University Of The Holy Ghost  
B102 Bayer Learning Center  
Pittsburgh, PA 15282

Telephone: (412) -396-8995

6334

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		8			8
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

12/11/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0014  
CUSTOMER NUMBER: 296

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Donald Guthrie Foundation  
Education And Research  
One Guthrie Square  
Sayre, PA 18840

Telephone: (570) -882-4620

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

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4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	2	4			4
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0017  
CUSTOMER NUMBER: 301

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

Franklin & Marshall College  
P.O. Box 3003  
Lancaster, PA 17604

Telephone: (717)-291-4153

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3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate		26			26
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

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( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/25/02

EG  
12/2/02

## FACILITY SITES LISTING

Licensee/Registrant Name: Franklin & Marshall College

License/Registration Number: 23-R-017

Please list below all sites that house regulated animals under the above number. Be sure to include all requested information. If the line does not apply, please mark it N/A. If you have more than three (3) sites copy this form as many times as needed before filling in the sites.

Site No.: 1 Name/Department: Department of Biology

**Address:** Franklin & Marshall College

Lancaster, PA 17604-3003

**Building:** Fackenthal Laboratories

**Floor/Room:** Basement/11A & C; First Floor/110A

**Contact Person:**

**Phone No.:**

Site No.: 2 Name/Department: Department of Psychology, Franklin & Marshall

**Address:** 629 Lancaster Avenue

Lancaster, PA 17604-3003

**Building:** Whitely Laboratories

**Floor/Room:** Ground Floor/157; 253 Suite; 254; 351 Suite; 355 Suite

**Contact Person:**

**Phone No. :**

Site No.: \_\_\_\_\_ Name/Department: \_\_\_\_\_

**Address:**

**Building:**

**Floor/Room:**

**Contact Person:**

**Phone No. :**

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0020  
CUSTOMER NUMBER: 549

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Swarthmore College  
500 College Avenue  
Swarthmore, PA 19081

Telephone: (610) -328-8046

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

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4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	386	212	0	0	212
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

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( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/22/02



NOV 27 2002

This report is required by law (7 USC 2143). Failure to report according to the regulations can:

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0021  
CUSTOMER NUMBER: 306

FORM APPROVED  
OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY ( TYPE OR PRINT )

Pennsylvania State University  
Pennsylvania State University  
Office For Research Protections  
212 Kern Graduate Building  
University Park, PA 16802

Telephone: (814) -865-1775

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

College of Medicine, The Milton S. Hershey Medical Center, Hershey, PA FACILITY LOCATIONS ( Sites ) - See Attached Listing Office of the Vice Pres. for Research Animal Resource Prog., Univ. Park, PA

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	6	223	45	0	268
6. Guinea Pigs	0	36	24	0	60
7. Hamsters	0	0	27	0	27
8. Rabbits	0	256	395	0	651
9. Non-human Primate	0	24	17	0	41
10. Sheep	0	0	0	0	0
11. Pigs	3	13	33	0	46
12. Other Farm Animals Calves	0	40	36	0	76
Chickens	0	0	4	0	4
13. Other Animals White-tail deer	160	50	58	0	108
Woodchucks	3	3	0	0	3
Frogs	15	24	0	0	24
White-footed Mice	0	236	0	0	236

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/26/02

1. REGISTRATION NO.

FORM APPROVED  
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Pennsylvania State University  
Office For Research Protections  
212 Kern Graduate Building  
University Park, PA 16802  
Telephone: (814)865-1775

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form.)

[illegible]

## ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME &amp; TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/26/02

23 R21

**Summary of IACUC-Approved Exemptions to Regulations and Standards**

<b>IACUC-Approved Exemption</b>	<b>Description of IACUC-Approved Exemption</b>	<b>Species of Animal</b>	<b>Number of Animals</b>
<b>Section 3.81</b> Environment Enhancement and <b>Section 3.83</b> Watering	Individual housing while on behavioral experiments and water restriction during taste testing	Nonhuman Primate	13

**ASSURANCE STATEMENTS**  
**USDA ANNUAL REPORT**

Facility Name: The Pennsylvania State University

Registration Number: 23-R-0021

This facility assures that professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed.

This facility assures that each principal investigator has considered alternatives to painful procedures.

This facility assures that it is adhering to the standards and regulations under the Act, and that it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). When there are exceptions, a summary of exceptions will be attached to our Annual Report of Research Facility for University Park, Commonwealth Campuses and Hershey Medical Center along with a brief explanation.

The facility assures that the attending veterinarians have appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

Signature of Institutional Official \_\_\_\_\_

\_\_\_\_\_ Title

11-26-02

Date Signed

OCT 03 2002

*ga*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0024

CUSTOMER NO.  
316

FORM APPROVED  
OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, Include Zip Code)

CARNEGIE MELLON UNIVERSITY  
5000 FORBES AVE  
PITTSBURGH, PA 15213  
(412) 268-2005 4147

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS(sites)

See Attached Listing

CNBC Primate Physiology Lab

4400 Fifth Avenue

Mellon Institute, Rooms 119 & 125  
CMU Site 1

Pittsburgh, PA 15213

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates	4	0	17	0	17
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

9/30/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0024

CUSTOMER NO.  
316

FORM APPROVED  
OMB NO. 0579-0038

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

CARNEGIE MELLON UNIVERSITY  
5000 FORBES AVE  
PITTSBURGH, PA 15213  
(412) 268-2005 4727

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS(sites)

See Attached Listing

Pittsburgh NMR Center  
CMU Site 1

4400 Fifth Avenue

Mellon Institute, Rooms 142 A-E

Pittsburgh, PA 15213

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	0	13	0	13
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

9/30/07

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0024

CUSTOMER NO.  
316

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, Include Zip Code)

CARNEGIE MELLON UNIVERSITY  
5000 FORBES AVE  
PITTSBURGH, PA 15213  
(412) 268-~~2005~~ 4727

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (sites)**

See Attached Listing

Baker Hall, Room 436 A

5000 Forbes Avenue

CMU Site 2

Pittsburgh, PA 15213

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils	0	13	0	0	13

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

9/30/07

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0025  
CUSTOMER NUMBER: 325

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Philadelphia College/Osteopathic Med.  
4170 City Avenue  
Philadelphia, PA 19131

Telephone: (215) -871-2881

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			16		16
9. Non-human Primate					
10. Sheep					
11. Pigs			9		9
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

QUARTERS RESEARCH FACILITY OFFICIAL  
( Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/12/02

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APHIS Form 7023 Site List

The following sites have been reported by the facility.

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Registration Number: 23-R-0025  
Customer Number: 325  
Facility: PHILADELPHIA COLLEGE/OSTEOPATHIC MED.  
4170 CITY AVENUE  
PHILADELPHIA, PA 19131  
(215) 871-2881

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PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE  
4170 CITY AVENUE  
PHILADELPHIA, PA 19131

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0025  
CUSTOMER NUMBER: 325

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Philadelphia College/Osteopathic Med.  
4170 City Avenue  
Philadelphia, PA 19131

Telephone: (215)-871-2881

NOV 14 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			16		16
9. Non-human Primate					
10. Sheep					
11. Pigs			9		9
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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QUARTERS RESEARCH FACILITY OFFICIAL  
Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/12/02

SI

AP

APHIS Form 7023 Site List

The following sites have been reported by the facility.

---

Registration Number: 23-R-0025  
Customer Number: 325  
Facility: PHILADELPHIA COLLEGE/OSTEOPATHIC MED.  
4170 CITY AVENUE  
PHILADELPHIA, PA 19131  
(215) 871-2881

---

PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE  
4170 CITY AVENUE  
PHILADELPHIA, PA 19131

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0027  
CUSTOMER NUMBER: 328

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Temple University  
Old Medical School, Medical Research  
Bldg., Kresge Bldg., Pharmacy/ Allied  
Health Bldg.  
Philadelphia, PA 19140

Telephone: (215) -221-4482

DEC 1 6 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY / Attach additional sheets if necessary or use APHIS Form 7023A**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	—	—	78	—	78
5. Cats	—	—	135	—	135
6. Guinea Pigs	—	144	34	—	178
7. Hamsters	—	—	—	—	—
8. Rabbits	—	—	96	—	96
9. Non-human Primate	—	—	—	—	—
10. Sheep	—	—	20	—	20
11. Pigs	—	—	33	—	33
12. Other Farm Animals	—	—	—	—	—
13. Other Animals	—	—	—	—	—

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED  
12/13/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0030

FORM APPROVED  
OMB NO. 0579-0036

CUSTOMER NUMBER: 332

ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)

Cephalon, Inc.  
145 Brandywine Parkway  
West Chester, PA 19380

Telephone: (215) -344-0200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

10 / 04 / 02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0032  
CUSTOMER NO. 334

FORM APPROVED  
OMB NO 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

ALBERT EINSTEIN HEALTHCARE NETWORK  
KORMAN RESEARCH PAVILION  
5501 OLD YORK ROAD  
PHILADELPHIA, PA 19141-3098

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS(sites)

CENTRAL ANIMAL FACILITY - ALBERT EINSTEIN  
PHILADELPHIA, PA 19141-3098

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats			2		2
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			310		310
9. Non-Human Primates					
10. Sheep					
11. Pigs			44		44
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/12/2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0037  
CUSTOMER NUMBER: 329

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

Rohm & Haas Company  
Independence Mall W.  
Philadelphia, PA 19105

Telephone: (215) -641-7537

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

ROHM & HAAS CO - SPRING HOUSE TECHNICAL CENTER  
727 NORRISTOWN Rd - P.O. Box 8904  
SPRING HOUSE PA 19477  
FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	O	O	O	O	O
5. Cats	NA	NA	NA	NA	NA
6. Guinea Pigs	O	O	O	O	O
7. Hamsters	NA	NA	NA	NA	NA
8. Rabbits	O	O	O	O	O
9. Non-human Primate	NA	NA	NA	NA	NA
10. Sheep	NA	NA	NA	NA	NA
11. Pigs	NA	NA	NA	NA	NA
12. Other Farm Animals	NA	NA	NA	NA	NA
13. Other Animals	NA	NA	NA	NA	NA

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/7/02

100 INDEPENDENCE MALL WEST PHILADELPHIA PA 19106-2399 U.S.A.  
TELEPHONE (215) 592-3000 CABLE ADDRESS: ROHMHAAS CENTRAL FAX (215) 592-3377  
REPLY TO  
RESEARCH LABORATORIES  
727 NORRISTOWN ROAD  
P.O. BOX 904  
SPRING HOUSE, PA 19477-0904  
(215) 641-7000  
(215) CH 2-0400



November 12, 2002

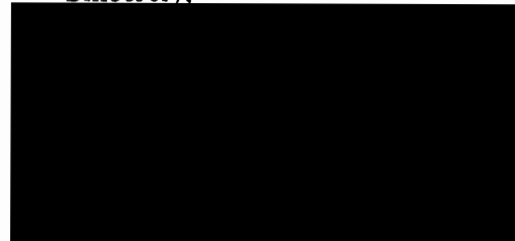
United States Department of Agriculture  
Marketing and Regulatory Programs  
Animal and Health Inspection Service  
Animal Care  
920 Main Campus Drive  
Suite 200 Unit 3040  
Raleigh, NC 27606-5213

Gentlemen:

Enclosed is a completed Annual Report of Research Facility form for Rohm and Haas Company  
(Certificate Number 23-R-0037).

This form documents that we had no protected species at our Spring House Technical Center  
during October 1, 2001 through September 30, 2002.

Sincerely,



/vf

cc:





UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0037  
CUSTOMER NUMBER: 329

FORM APPROVED  
OMB NO. 0579-0038

NOV 15 2002

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

Rohm & Haas Company  
Independence Mall W.  
Philadelphia, PA 19105

Telephone: (215) -641-7537

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

ROHM & HAAS CO - SPRING HOUSE TECHNICAL CENTER  
727 NORRISTOWN Rd - P.O. Box 0904  
SPRING HOUSE PA 19427  
FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	NA	NA	NA	NA	NA
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	NA	NA	NA	NA	NA
8. Rabbits	0	0	0	0	0
9. Non-human Primate	NA	NA	NA	NA	NA
10. Sheep	NA	NA	NA	NA	NA
11. Pigs	NA	NA	NA	NA	NA
12. Other Farm Animals	NA	NA	NA	NA	NA
13. Other Animals	NA	NA	NA	NA	NA

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/7/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0039

CUSTOMER NO.  
462

FORM APPROVED  
OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

GENAERA CORPORATION  
5110 CAMPUS DRIVE  
PLYMOUTH MEETING, PA 19462

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS(sites)

GENAERA CORPORATION  
PLYMOUTH MEETING, PA 19462

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

12/11/2002

NOV 27 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0043  
CUSTOMER NUMBER: 472

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Manor Junior College  
Veterinary Technology Program  
700 Fox Chase Road  
Jenkintown, PA 19046

Telephone: (999) 999-9999  
(212) 885-2360  
X 221

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					0
5. Cats					0
6. Guinea Pigs		9			9
7. Hamsters					0
8. Rabbits		12			12
9. Non-human Primate					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					
HORSES		4			4
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/23/02

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE  <b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )	1. CERTIFICATE NUMBER: 23-R-0046  CUSTOMER NUMBER: 347	FORM APPROVED OMB NO. 0579-0036
Bucknell University Dept. Of Biology/Psychology Lewisburg, PA 17837  Telephone: (570) -577-3811		

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	31	39	113	0	137
8. Rabbits					
9. Non-human Primate	0	33	0	0	33
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
 ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

*10-28-02*

23 R 46

ANNUAL REPORT OF RESEARCH FACILITY, continuation

3. Reporting facilities

Animal Behavior Lab (formerly Psychology Lab, west of Route 15 in Bucknell West)  
Biology/Psychology animal facility (in basement of Biology Building on main campus)

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0049

CUSTOMER NUMBER: 502

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Westmoreland Testing And Research, Inc.  
P.O. Box 291  
Scottdale, PA 15683

Telephone: (724) -872-8811

DEC 02 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs		225		0	225
7. Hamsters					
8. Rabbits		12		0	12
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/28/2

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0052  
CUSTOMER NUMBER: 348

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

California University Of Pa  
Graduate Studies & Research  
250 California Avenue  
California, PA 15419

Telephone: (412) -938-4187

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

*RATS housed 5 days in FRICK SCIENCE BUILDING Room 109*  
*Rabbits were caught in field study and RELEASED.*

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		42 EASTERN COTTONTAIL (NOT HOUSED)			42
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
WISTAR RAT		10			10

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

4/31/02

OCT 01 2002

See attached form for additional information

Interagency Report Control No. *ga*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0053  
CUSTOMER NUMBER: 539

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Dad'S Products Company, Inc.  
P.O. Box 451-D  
Meadville, PA 16335

Telephone: (814) -724-7710

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

*Dad's Creekside Nutrition Center*  
*Mill St. Meadville, PA 16335*

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		23			23
5. Cats		58			58
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

9/20/02



NOV 21 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0055

CUSTOMER NO.  
340

FORM APPROVED  
OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

WISTAR INSTITUTE, THE  
3601 SPRUCE STREET  
PHILADELPHIA, PA. 19104  
(215) 898-3898

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS(sites)

Same as above.

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	173	8	0	181
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

## ASSURANCE STATEMENTS

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## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/14/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0056  
CUSTOMER NUMBER: 626

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Pittsburgh Zoo  
Pittsburgh Zoo & Aquarium  
One Hill Road  
Pittsburgh, PA 15206

Telephone: (412)-665-3639

DEC 10 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0			0
6. Guinea Pigs	2	0			0
7. Hamsters	0	0			0
8. Rabbits	8	0			0
9. Non-human Primate	66	9			9
10. Sheep	3	0			0
11. Pigs	0	0			0
12. Other Farm Animals					
GCATS	5	0			0
13. Other Animals					
African Elephant	0	5			5
- see attached -	807	0			0

**ASSURANCE STATEMENTS**

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( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/29/02

Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



<u>Taxonomic name/status</u>	<u>Beginning</u>	<u>Status</u>	<u>Births</u>	<u>Acquisitions</u>	<u>Row</u> <u>Change</u>	<u>Deaths</u>	<u>Dispositions</u>	<u>Ending</u> <u>Status</u>
<b>Animalia</b>								
<b>Chordata</b>								
<b>Vertebrata</b>								
<b>Mammalia</b>								
<b>Marsupialia</b>								
<b>Didelphimorphia</b>								
<b>Didelphidae</b>								
<b>Didelphinae</b>								
<b>Didelphis</b>								
<b>Didelphis virginiana</b>								VIRGINIA OPOSSUM
Owned and On-site	1.	6.	0	.	.	1.	0.	0
In on Loan	.	.	.	.	.	.	.	.
<b>Diprotodontia</b>								
<b>Macropodidae</b>								
<b>Dendrolagus</b>								
<b>Dendrolagus matschiei</b>				IZY				MATSCHIE'S TREE KANGAROO
Owned and On-site	.	.	.	.	+1	.	.	0.
In on Loan	0.	2.	0	.	-1	0.	1.	0
<b>Macropus</b>								
<b>Macropus giganteus</b>								GREAT GREY KANGAROO
Owned and On-site	1.	1.	0	.	.	.	.	1.
In on Loan	2.	2.	0	.	.	.	.	2.
<b>Placentalia</b>								
<b>Insectivora</b>								
<b>Tenrecidae</b>								
<b>Tenrecinae</b>								
<b>Echinops</b>								
<b>Echinops telfairi</b>				IZY				LESSER MADAGASCAR HEDGEHOG TENREC
Owned and On-site	4.	0.	0	.	.	.	.	4.
In on Loan	.	.	.	.	.	.	.	.
<b>Erinaceidae</b>								
<b>Erinaceinae</b>								
<b>Atelerix</b>								
<b>Atelerix albiventris</b>								HEDGEHOG
Owned and On-site	1.	0.	0	.	.	1.	0.	0
In on Loan	.	.	.	.	.	.	.	.
<b>Chiroptera</b>								
<b>Phyllostomidae</b>								
<b>Carollinae</b>								
<b>Carollia</b>								
<b>Carollia perspicillata</b>								SEBA'S SHORT-TAILED BAT
Owned and On-site	9.	12.	0	.	.	.	.	9.
In on Loan	21.	24.	0	.	.	.	.	21.
<b>Stenodermatinae</b>								
<b>Artibeus</b>								
<b>Artibeus jamaicensis</b>								JAMAICAN FRUIT-EATING BAT
Owned and On-site	0.	1.	2	.	.	.	.	0.
In on Loan	.	.	.	.	.	.	.	.
<b>Primates</b>								
<b>Lemuridae</b>								
<b>Eulemur</b>								

total 383

total 307

Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



Taxonomic name/status	Beginning Status	Births	Acquisitions	Row Change	Deaths	Dispositions	Ending Status
<b><i>Eulemur fulvus</i></b>							
<b><i>Eulemur fulvus fulvus</i></b>			IZY App. I				BROWN LEMUR
Owned and On-site	. .	. .	. .		. .	. .	. .
In on Loan	. .	. .	. .		. .	. .	. .
<b><i>Lemur</i></b>							
<b><i>Lemur catta</i></b>			IZY Vulnerable App. I				RING-TAILED LEMUR
Owned and On-site	1. 3. 0	. .	. .		. .	. .	1. 3. 0
In on Loan	. .	. .	. .		. .	. .	. .
<b><i>Varecia</i></b>							
<b><i>Varecia variegata</i></b>			IZY Critically Endangered App. I				RUFFED LEMUR
<b><i>Varecia variegata rubra</i></b>							
Owned and On-site	. .	. .	. .		. .	. .	. .
In on Loan	. .	. .	. .		. .	. .	. .
<b><i>Varecia variegata variegata</i></b>			IZY Endangered App. I			BLACK-AND-WHITE RUFFED LEMUR	
Owned and On-site	1. 0. 0	. .	. .	-1	. .	. .	. .
In on Loan	2. 0. 0	. .	. .		. .	. .	2. 0. 0
<b><i>Callitrichidae</i></b>							
<b><i>Leontopithecus</i></b>							
<b><i>Leontopithecus rosalia</i></b>			IZY Critically Endangered App. I				GOLDEN LION TAMARIN
Owned and On-site	. .	. .	. .		. .	. .	. .
In on Loan	1. 5. 0	. .	. .		0. 1. 0	. .	1. 4. 0
<b><i>Saguinus</i></b>							
<b><i>Saguinus fuscicollis</i></b>			App. II				SADDLE-BACK TAMARIN
Owned and On-site	. .	. .	. .		. .	. .	. .
In on Loan	. .	. .	. .		. .	. .	. .
<b><i>Saguinus oedipus</i></b>			IZY Endangered App. I				COTTON-TOP TAMARIN
Owned and On-site	. .	. .	. .		. .	. .	. .
In on Loan	4. 2. 0	. .	. .		. .	. .	4. 2. 0
<b><i>Cebidae</i></b>							
<b><i>Alouattinae</i></b>							
<b><i>Alouatta</i></b>							
<b><i>Alouatta caraya</i></b>			App. II				BLACK HOWLER
Owned and On-site	2. 3. 0	. .	. .		. .	. .	2. 3. 0
In on Loan	. .	. .	. .		. .	. .	. .
<b><i>Atelinae</i></b>							
<b><i>Lagothrix</i></b>							
<b><i>Lagothrix lagotricha</i></b>			IZY App. II				WOOLLY MONKEY
Owned and On-site	0. 1. 0	. .	. .		. .	. .	0. 1. 0
In on Loan	. .	. .	. .		. .	. .	. .
<b><i>Pitheciinae</i></b>							
<b><i>Pithecia</i></b>							
<b><i>Pithecia pithecia</i></b>			IZY App. II				WHITE-FACED SAKI
Owned and On-site	2. 2. 0	1. 0. 0	. .		1. 0. 0	. .	2. 2. 0
In on Loan	4. 2. 0	. .	. .		. .	. .	4. 2. 0
<b><i>Cercopithecidae</i></b>							
<b><i>Cercopithecinae</i></b>							
<b><i>Cercopithecus</i></b>							
<b><i>Cercopithecus diana</i></b>			IZY Vulnerable App. I				DIANA MONKEY
Owned and On-site	1. 1. 0	. .	. .		. .	. .	1. 1. 0
In on Loan	2. 0. 0	. .	. .		. .	. .	2. 0. 0
<b><i>Cercopithecus diana diana</i></b>			IZY Vulnerable App. I				DIANA MONKEY

Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



<u>Taxonomic name/status</u>	<u>Beginning Status</u>	<u>Births</u>	<u>Acquisitions</u>	<u>Row Change</u>	<u>Deaths</u>	<u>Dispositions</u>	<u>Ending Status</u>
Owned and On-site	.	.	.	.	.	.	.
In on Loan	0. 1. 0	.	.	.	.	.	0. 1. 0
<b><i>Cercopithecus neglectus</i></b>		App. II					DE BRAZZA'S MONKEY
Owned and On-site	.	.	.	.	.	.	.
In on Loan	.	.	.	.	.	.	.
<b><i>Mandrillus</i></b>							
<b><i>Mandrillus sphinx</i></b>		Lower Risk - Near Threatened App. I					MANDRILL
Owned and On-site	3. 1. 0	.	.	.	.	.	3. 1. 0
In on Loan	.	.	.	.	.	.	.
<b><i>Colobinae</i></b>							
<b><i>Colobus</i></b>							
<b><i>Colobus angolensis</i></b>							
<b><i>Colobus angolensis angolensis</i></b>		Lower Risk - Near Threatened App. II					BLACK-AND-WHITE COLOBUS
Owned and On-site	2. 1. 0	.	.	.	.	.	2. 1. 0
In on Loan	2. 3. 0	0. 1. 0	.	.	.	.	2. 4. 0
<b><i>Hylobatidae</i></b>							
<b><i>Hylobates</i></b>							
<b><i>Hylobates leucogenys</i></b>		IZY Data Deficient App. I					WHITE-CHEEKED GIBBON
Owned and On-site	.	.	.	.	.	.	.
In on Loan	1. 2. 0	.	1. 0. 0	.	.	.	2. 2. 0
<b><i>Hominidae</i></b>							
<b><i>Gorilla</i></b>							
<b><i>Gorilla gorilla</i></b>							
<b><i>Gorilla gorilla gorilla</i></b>		IZY Endangered App. I					WESTERN LOWLAND GORILLA
Owned and On-site	0. 4. 0	.	.	+1	.	.	1. 4. 0
In on Loan	4. 3. 0	.	.	-1	.	.	3. 3. 0
<b><i>Pan</i></b>							
<b><i>Pan troglodytes</i></b>		Endangered App. I					CHIMPANZEE
Owned and On-site	.	.	.	.	.	.	.
In on Loan	.	.	.	.	.	.	.
<b><i>Pongo</i></b>							
<b><i>Pongo pygmaeus</i></b>		IZY Vulnerable App. I					ORANGUTAN
Owned and On-site	.	.	.	.	.	.	.
In on Loan	0. 1. 0	.	.	.	.	.	0. 1. 0
<b><i>Pongo pygmaeus pygmaeus</i></b>		IZY Vulnerable App. I					BORNEAN ORANGUTAN
Owned and On-site	0. 1. 0	.	.	.	.	.	0. 1. 0
In on Loan	5. 2. 0	.	.	.	.	.	5. 2. 0
<b><i>Xenarthra</i></b>							
<b><i>Megalonychidae</i></b>							
<b><i>Choloepinae</i></b>							
<b><i>Choloepus</i></b>							
<b><i>Choloepus hoffmanni</i></b>		Data Deficient App. III					HOFFMANN'S TWO-TOED SLOTH
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b><i>Myrmecophagidae</i></b>							
<b><i>Tamandua</i></b>							
<b><i>Tamandua tetradactyla</i></b>							SOUTHERN TAMANDUA
Owned and On-site	2. 1. 0	.	.	.	.	.	2. 1. 0
In on Loan	.	.	.	.	.	.	.
<b><i>Lagomorpha</i></b>							
<b><i>Leporidae</i></b>							

Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



Taxonomic name/status	Beginning Status	Births	Acquisitions	Row Change	Deaths	Dispositions	Ending Status
<b>Oryctolagus</b>							EUROPEAN RABBIT
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b>Oryctolagus cuniculus</b>							EUROPEAN RABBIT
Owned and On-site	0. 2. 2	.	.	.	0. 1. 0	.	0. 1. 2
In on Loan	.	.	.	.	.	.	.
<b>Oryctolagus cuniculus domestic</b>							domestic rabbit, breed unspecified
Owned and On-site	0. 1. 0	.	0. 1. 0	.	.	.	0. 2. 0
In on Loan	.	.	.	.	.	.	.
<b>Oryctolagus cuniculus new_zealand</b>							NEW ZEALAND RABBIT
Owned and On-site	.	.	1. 0. 0	.	.	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b>Oryctolagus cuniculus dutch_belted</b>							DUTCH BELTED RABBIT
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b>Rodentia</b>							
<b>Sciurognathi</b>							
<b>Castoridae</b>							
<b>Castor</b>							
<b>Castor canadensis</b>							AMERICAN BEAVER
Owned and On-site	1. 1. 0	.	.	.	0. 1. 0	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b>Pedetidae</b>							
<b>Pedetes</b>							
<b>Pedetes capensis</b>							SPRINGHAAS
Owned and On-site	1. 0. 0	.	.	.	1. 0. 0	.	.
In on Loan	.	.	.	.	.	.	.
<b>Hystriognathi</b>							
<b>Bathyergidae</b>							
<b>Heterocephalus</b>							
<b>Heterocephalus glaber</b>							NAKED MOLE-RAT
Owned and On-site	5. 5. 6	.	.	.	0. 0. 1	.	5. 5. 5
In on Loan	.	.	.	.	.	.	.
<b>Erethizontidae</b>							
<b>Coendou</b>							
<b>Coendou prehensilis</b>							PREHENSILE-TAILED PORCUPINE
Owned and On-site	0. 2. 0	.	.	.	0. 1. 0	.	0. 1. 0
In on Loan	.	.	.	.	.	.	.
<b>Erethizon</b>							
<b>Erethizon dorsatum</b>							NORTH AMERICAN PORCUPINE
Owned and On-site	.	.	.	.	.	.	.
In on Loan	.	.	.	.	.	.	.
<b>Chinchillidae</b>							
<b>Chinchilla</b>							
<b>Chinchilla lanigera</b>			App. I				CHINCHILLA
Owned and On-site	3. 4. 0	.	.	.	1. 1. 0	.	2. 3. 0
In on Loan	.	.	.	.	.	.	.
<b>Caviidae</b>							
<b>Caviinae</b>							
<b>Cavia</b>							
<b>Cavia porcellus</b>							GUINEA PIG



Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



<u>Taxonomic name/status</u>	<u>Beginning</u> <u>Status</u>	<u>Births</u>	<u>Acquisitions</u>	<u>Row</u> <u>Change</u>	<u>Deaths</u>	<u>Dispositions</u>	<u>Ending</u> <u>Status</u>
<b>Potos</b>							
<b>Potos flavus</b>			App. III				KINKAJOU
Owned and On-site	1. 1. 0	.	.	.	.	.	1. 1. 0
In on Loan	.	.	.	.	.	.	.
<b>Mustelidae</b>							
<b>Lutrinae</b>							
<b>Lontra</b>							
<b>Lontra canadensis</b>			App. II				NORTH AMERICAN RIVER OTTER
Owned and On-site	.	.	.	.	.	.	.
In on Loan	0. 2. 0	.	.	.	.	.	0. 2. 0
<b>Mephitinae</b>							
<b>Mephitis</b>							
<b>Mephitis mephitis</b>							STRIPED SKUNK
Owned and On-site	1. 1. 0	.	0. 1. 0	.	1. 0. 0	.	0. 2. 0
In on Loan	.	.	.	.	.	.	.
<b>Mustelinae</b>							
<b>Mustela</b>							
<b>Mustela putorius</b>							
<b>Mustela putorius furo</b>							DOMESTIC POLECAT
Owned and On-site	2. 1. 0	.	.	.	1. 0. 0	.	1. 1. 0
In on Loan	.	.	.	.	.	.	.
<b>Viverridae</b>							
<b>Paradoxurinae</b>							
<b>Arctictis</b>							
<b>Arctictis binturong</b>			App. III				BINTURONG
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b>Herpestidae</b>							
<b>Herpestinae</b>							
<b>Suricata</b>							
<b>Suricata suricatta</b>							SLENDER-TAILED MEERKAT
Owned and On-site	1. 2. 0	.	.	.	.	.	1. 2. 0
In on Loan	.	.	.	.	.	.	.
<b>Felidae</b>							
<b>Acinonychinae</b>							
<b>Acinonyx</b>							
<b>Acinonyx jubatus</b>			IZY Vulnerable App. I				CHEETAH
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	0. 1. 0	.	.	.	.	.	0. 1. 0
<b>Felinae</b>							
<b>Felis</b>							
<b>Felis nigripes</b>							
<b>Felis nigripes nigripes</b>			IZY App. II				BLACK-FOOTED CAT
Owned and On-site	.	.	.	.	.	.	.
In on Loan	1. 0. 0	.	.	.	1. 0. 0	.	.
<b>Leptailurus</b>							
<b>Leptailurus serval</b>			App. II				SERVAL
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	.	.	.	.	.	.	.
<b>Pantherinae</b>							
<b>Panthera</b>							



Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



Taxonomic name/status	Beginning Status	Births	Acquisitions	Row Change	Deaths	Dispositions	Ending Status
<b><i>Panthera leo</i></b>			Vulnerable App. II				LION
Owned and On-site	1. 3. 0	.	.	.	.	.	1. 4. 0
In on Loan	1. 0. 0	.	.	.	.	.	1. 0. 0
<b><i>Panthera pardus</i></b>			App. I				LEOPARD
Owned and On-site	.	.	.	.	.	.	.
In on Loan	0. 2. 0	.	.	.	.	.	0. 0. 0
<b><i>Panthera pardus orientalis</i></b>			IZY Critically Endangered App. I				AMUR LEOPARD
Owned and On-site	0. 1. 0	.	.	-1	.	.	.
In on Loan	2. 2. 0	.	1. 0. 0	.	.	2. 1. 0	1. 1. 0
<b><i>Panthera tigris</i></b>							
<b><i>Panthera tigris altaica</i></b>			IZY Critically Endangered App. I				AMUR TIGER
Owned and On-site	1. 2. 0	.	.	.	.	.	1. 1. 0
In on Loan	1. 1. 0	.	1. 0. 0	.	1. 0. 0	.	1. 1. 0
<b><i>Uncia</i></b>							
<b><i>Uncia uncia</i></b>			IZY Endangered App. I				SNOW LEOPARD
Owned and On-site	1. 0. 0	.	.	.	.	.	1. 0. 0
In on Loan	1. 0. 0	.	.	.	.	.	1. 0. 0
<b><i>Pinnipedia</i></b>							
<b><i>Otariidae</i></b>							
<b><i>Zalophus</i></b>							
<b><i>Zalophus californianus</i></b>							CALIFORNIA SEALION
Owned and On-site	.	.	.	.	.	.	.
In on Loan	0. 1. 0	.	.	.	.	.	0. 1. 0
<b><i>Zalophus californianus californianus</i></b>							CALIFORNIA SEALION
Owned and On-site	0. 2. 0	.	.	.	.	.	0. 2. 0
In on Loan	1. 1. 0	.	.	.	1. 0. 0	.	0. 1. 0
<b><i>Proboscidea</i></b>							
<b><i>Elephantidae</i></b>							
<b><i>Loxodonta</i></b>							
<b><i>Loxodonta africana</i></b>			Endangered App. I				AFRICAN ELEPHANT
Owned and On-site	1. 4. 0	.	.	.	.	.	1. 4. 0
In on Loan	.	.	.	.	.	.	.
<b><i>Hyracoidea</i></b>							
<b><i>Procaviidae</i></b>							
<b><i>Procavia</i></b>							
<b><i>Procavia capensis</i></b>							ROCK HYRAX
Owned and On-site	3. 1. 0	.	.	.	1. 0. 0	.	2. 1. 0
In on Loan	0. 1. 0	.	.	.	.	.	0. 1. 0
<b><i>Perissodactyla</i></b>							
<b><i>Equidae</i></b>							
<b><i>Equus</i></b>							
<b><i>Equus burchellii</i></b>							
<b><i>Equus burchellii boehmi</i></b>							GRANT'S ZEBRA
Owned and On-site	0. 2. 0	.	.	.	.	.	0. 2. 0
In on Loan	.	.	.	.	.	.	.
<b><i>Rhinocerotidae</i></b>							
<b><i>Diceros</i></b>							
<b><i>Diceros bicornis</i></b>							
<b><i>Diceros bicornis michaeli</i></b>			IZY Critically Endangered App. I				EASTERN BLACK RHINOCEROS
Owned and On-site	.	.	.	.	.	.	.
In on Loan	2. 0. 0	.	.	.	.	.	2. 0. 0

Report Start Date  
10/01/01

# Detailed Inventory Report for Mammalia

Report End Date  
11/01/02



<u>Taxonomic name/status</u>	<u>Beginning</u> <u>Status</u>	<u>Births</u>	<u>Acquisitions</u>	<u>Row</u> <u>Change</u>	<u>Deaths</u>	<u>Dispositions</u>	<u>Ending</u> <u>Status</u>
<b>Bovinae</b>							
<b>Bubalus</b>							
<b>Bubalus depressicornis</b>							IZY Endangered App. I ANOA
Owned and On-site	. .	. .	. .	. .	. .	. .	. .
In on Loan	. .	. .	. .	. .	. .	. .	. .
<b>Taurotragus</b>							
<b>Taurotragus oryx</b>							Lower Risk - Conservation Dependent COMMON ELAND
Owned and On-site	. .	. .	. .	. .	. .	. .	. .
In on Loan	. .	. .	. .	. .	. .	. .	. .
<b>Caprinae</b>							
<b>Capra</b>							
<b>Capra hircus</b>							GOAT
Owned and On-site	2. 4. 0	. .	. .	. .	1. 0. 0	. .	1. 4. 0
In on Loan	. .	. .	. .	. .	. .	. .	. .
<b>Oreamnos</b>							
<b>Oreamnos americanus</b>							IZY ROCKY MOUNTAIN GOAT
Owned and On-site	. .	. .	. .	. .	. .	. .	. .
In on Loan	. .	. .	. .	. .	. .	. .	. .
<b>Ovis</b>							
<b>Ovis aries</b>							SHEEP/MOUFLON
Owned and On-site	0. 3. 0	. .	. .	. .	. .	. .	0. 3. 0
In on Loan	. .	. .	. .	. .	. .	. .	. .
<b>Cephalophinae</b>							
<b>Cephalophus</b>							
<b>Cephalophus monticola</b>							
<b>Cephalophus monticola bicolor</b>							App. II BLUE DUIKER
Owned and On-site	2. 1. 0	. .	. .	. .	. .	. .	2. 1. 0
In on Loan	. .	. .	. .	. .	. .	. .	. .

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSEPTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0058 FORM APPROVED  
CUSTOMER NUMBER: 351 OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY

Institute for Cancer Research  
Fox Chase Cancer Center  
7701 Burholme Avenue  
Philadelphia, PA 19111

Telephone: (215) 728-2525

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary).

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY Attach additional sheets if necessary or use APHIS Form 7023a

A. Animals covered by the Animal Welfare Regulations	B. Number of animals being-bred, conditioned, or held for use in teaching, testing experiments research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NUMBER OF ANIMALS  (COLUMNS C + D + E)
4. Dogs	-0-	-0-	-0-	-0-	-0-
5. Cats	-0-	-0-	-0-	-0-	-0-
6. Guinea Pigs	-0-	-0-	-0-	-0-	-0-
7. Hamsters	-0-	-0-	-0-	-0-	-0-
8. Rabbits	-0-	60	-0-	-0-	60
9. Non-human Primates	-0-	-0-	-0-	-0-	-0-
10. Sheep	-0-	-0-	-0-	-0-	-0-
11. Pigs	-0-	-0-	-0-	-0-	-0-
12. Other Farm Animals	-0-	-0-	-0-	-0-	-0-
13. Other Animals					
woodchucks	-0-	-0-	30	-0-	30

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
(Chief Executive Officer or Legally Responsible Institutional Official)  
I certify that the above is true, correct, and complete (7 USC Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	Name and Title of C.E.O. or Institutional Official (type or print)	Date Signed 10/16/02
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OCT 15 2002

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

Interagency Report Control No. *20*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0067

CUSTOMER NUMBER: 759

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Johnson College  
3427 N. Main Avenue  
Scranton, PA 18508

Telephone: (717)-342-6404

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		0			
5. Cats		0			
6. Guinea Pigs		12			
7. Hamsters		0			
8. Rabbits		6			
9. Non-human Primate		0			
10. Sheep		0			
11. Pigs		0			
12. Other Farm Animals		0			
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

10/9/02

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE  <b>ANNUAL REPORT OF RESEARCH FACILITY</b> ( TYPE OR PRINT )	1. CERTIFICATE NUMBER: 23-R-0068 CUSTOMER NUMBER: 344	FORM APPROVED, OMB NO. 0573-0036 
<div style="display: flex; justify-content: space-between;"> <div>                         Saint Vincent College                          300 Fraser Purchase Rd.                          Latrobe, PA 15650                           Telephone: <del>(412) 538-9764</del>                          (724) 539-9761                     </div> <div style="text-align: right; font-size: 1.5em;">                         OCT 21 2002                     </div> </div>		

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Life Science Research Lab

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

NONE

ASSURANCE STATEMENTS - See Attached

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
 ( Chief Executive Officer or Legally Responsible Institutional Official )

	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )
	DATE SIGNED <span style="font-size: 1.5em;">10/16/02</span>

## ANIMAL EUTHANASIA POLICY

If an animal must be euthanized, it is imperative that it be done humanely. Following are three techniques approved for use by the Institutional Animal Care and Use Committee. Should circumstances require an alternative, advanced approval must be obtained from the Committee.

### A. Asphyxiation with Carbon Dioxide

This technique may be used for mice, rats and guinea pigs.

1. Connect the asphyxiation chamber to the carbon dioxide tank. Place the inlet at the bottom of the chamber and the outlet at the top.
2. Place the lid on the chamber and run the gas for 2-3 minutes so the chamber atmosphere is nearly pure carbon dioxide (60% is the required minimum).
3. Gently lift the lid and lower the animal into the chamber. It is important that the chamber atmosphere be minimally disturbed. Replace the lid.
4. Respiration should cease within 45 seconds. Leave the animal in the chamber for 2-3 minutes after breathing has ceased.
5. Remove the animal from the chamber and turn off the carbon dioxide. Clean the chamber

### B. Barbiturate Overdose

This technique may be used for mice, rats and guinea pigs. Barbiturates are controlled substances available only from Dr. Barnett. The drug will be dispensed after all calculations have been checked and actual needs assessed. Students may euthanize animals by barbiturate overdose only in the immediate supervision of Dr. Barnett.

1. Prepare a solution of sodium pentobarbital in 0.9% sodium chloride. The concentration of this solution should be determined using the following guidelines:
  - a. Total volume to be injected should be between 0.75 and 1.25 ml per 150g body weight.
  - b. Euthanizing (ip.) doses for

Mouse: 300 mg/kg  
Rat: 200 mg/kg  
Guinea Pig: 100 mg/kg

c. Note that sodium pentobarbital is not completely soluble in aqueous media at the concentrations you will be preparing. Therefore, expect the solutions to be slurries.

2. Administer the appropriate dose intraperitoneally. Since the stock solution is a slurry, be sure to thoroughly mix it immediately before drawing into the syringe.

3. Return the animal to its cage and wait until breathing ceases. This typically requires only a few minutes.

### C. Cervical Dislocation

This technique is only for immature rats (weanlings or younger) and mice. Do not attempt this technique without supervision.

1. Lightly anaesthetize the animal with isoflurane.

2. Place the animal on a hard surface, belly down.

3. Hold the base of the tail with one hand. Place the thumb and index finger of your other hand on either side of the neck at the base of the skull.

3. Quickly pull the base of the tail such that the cervical vertebrae dislocate. Immediately check that the animal has ceased breathing.

Following euthanasia, the carcass is to be tightly sealed in a plastic bag, and placed in the carcass freezer in the LSRL. The log taped to the top of the freezer is to be completed.

Saint Vincent College -- 23-R--0068

#### ASSURANCE STATEMENT

Saint Vincent College follows professionally accepted standards regarding the care, treatment and use of animals. Specifically, we comply with Animal Welfare Act (and amendments), we follow the guidelines put forth in the "Guide for the Care and Use of Laboratory Animals" (published by the Animal Resources Program, NIH), and we follow the recommendations of the Panel on Euthanasia of the American Veterinary Medical Association.

All research involving the use of animals is approved by the IACUC. When appropriate, the IACUC directs principal investigators to employ specific alternatives or modifications that reduce the use, pain or suffering of animals. We approve projects that are exceptions to the standards or regulations referred to above only after careful consideration of the scientific and ethical issues involved.



DEC 16 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0072  
CUSTOMER NUMBER: 28

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Lehigh Valley Hospital  
Advanced Clinical Technologies  
~~Order Growth 8476~~  
Po Box 689  
Allentown, PA 18105-1556  
Telephone: (610) -402-8977

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing \*

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs	0	0	12	0	12
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

27.11.02

RECEIVED DEC 20 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0075  
CUSTOMER NUMBER: 356

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Median School Of Allied Health Careers  
125 Seventh Street  
Pittsburgh, PA 15222

Telephone: (412) -391-0422

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		4	24		28
5. Cats		7	24		31
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11-26-02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

OCT 07 2002

1. CERTIFICATE NUMBER: 23-R-0078

CUSTOMER NUMBER: 357

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Harcum College  
Veterinary Services Building  
750 Montgomery Avenue  
Bryn Mawr, PA 19010

Telephone: (610) -526-6108

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	4	4	0	0	4
5. Cats	6	6	0	0	6
6. Guinea Pigs	11	0	0	0	0
7. Hamsters	14	0	0	0	0
8. Rabbits	2	2	0	0	2
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Rats	20	0	0	0	0
Mice	45	0	0	0	0
Gerbils	41	0	0	0	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

9/26/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0088  
CUSTOMER NUMBER: 350

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Monell Chemical Senses Center  
3500 Market Street  
Philadelphia, PA 19104

Telephone: (215) -898-8878

*NOV 26 2002*

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - ~~See Attached Listing~~ N/A

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	N/A	N/A	N/A	N/A	N/A
5. Cats	N/A	N/A	N/A	N/A	N/A
6. Guinea Pigs	N/A	N/A	N/A	N/A	N/A
7. Hamsters	N/A	N/A	N/A	N/A	N/A
8. Rabbits	N/A	N/A	N/A	N/A	N/A
9. Non-human Primate	N/A	N/A	N/A	N/A	N/A
10. Sheep	N/A	N/A	N/A	N/A	N/A
11. Pigs	N/A	N/A	N/A	N/A	N/A
12. Other Farm Animals	N/A	N/A	N/A	N/A	N/A
13. Other Animals	N/A	N/A	N/A	N/A	N/A

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

*11/24/02*

DEC 02 2002

See attached form for additional information

Interagency Report Control No. CM

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0089  
CUSTOMER NUMBER: 360

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

Cocalico Biologicals, Inc.  
449 Stevens Road  
P.O. Box 265  
Reamstown, PA 17567

Telephone: ~~(215) 267-7548~~ 717-336-1990

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	- 0 -	- 0 -	- 0 -	- 0 -	- 0 -
5. Cats	- 0 -	- 0 -	- 0 -	- 0 -	- 0 -
6. Guinea Pigs	15	195	224	- 0 -	419
7. Hamsters	- 0 -	3	8	- 0 -	11
8. Rabbits	50	8,271	2,053	- 0 -	10,324
9. Non-human Primate	- 0 -	- 0 -	- 0 -	- 0 -	- 0 -
10. Sheep	4	3	2	- 0 -	5
11. Pigs	- 0 -	- 0 -	- 0 -	- 0 -	- 0 -
12. Other Farm Animals HORSES	2	2	2	- 0 -	4
GOATS	45	109	33	- 0 -	142
13. Other Animals	N/A	N/A	N/A	N/A	N/A
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/29/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0090  
CUSTOMER NUMBER: 361

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

Mcgee Women'S Research Institute  
204 Craft Avenue  
Pittsburgh, PA 15213

Telephone: (412) -647-4051

NOV 25 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being - bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate	6	5	27		32
10. Sheep					
11. Pigs			8		8
12. Other Farm Animals					
13. Other Animals					
rodents	500		600		600

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11-22-02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0091  
CUSTOMER NUMBER: 362

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Children'S Hospital Of Pittsburgh  
3705 Fifth Avenue  
Pittsburgh, PA 15213

Telephone: (412) -692-6360

2302

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	103	0	103
9. Non-human Primate	0	0	12	0	12
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Chinchilla	0	0	35	0	35
Gerbil	0	0	13	0	13

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/7/02

APHIS Form 7023 Site List

The following sites have been reported by the facility.

---

Registration Number: 23-R-0091  
Customer Number: 362  
Facility: CHILDREN'S HOSPITAL OF PITTSBURGH  
3705 FIFTH AVENUE  
PITTSBURGH, PA 15213  
(412) 692-6360

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CHILDREN'S HOSPITAL OF PITTSBURGH  
RANGOS RESEARCH CENTER  
MCKEES PLACE  
PITTSBURGH, PA 15213



UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0098  
CUSTOMER NUMBER: 688

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Indiana University Of Pennsylvania  
305 Weyandt Hall  
Indiana, PA 15705

Telephone: (724) -357-2609

NOV 22 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
Wild Rodents	0	698	0	0	698

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/18/02

OCT 17 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0100  
CUSTOMER NUMBER: 354

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Pennsylvania College Of Optometry  
8300 Old York Road  
Elkins Park, PA 19027

Telephone: (215) ~~278-6182~~ 780-1427

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

**COMPARATIVE MEDICINE CENTER**

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	na	na	na	na	0
5. Cats	na	na	na	na	0
6. Guinea Pigs	na	na	na	na	0
7. Hamsters	na	na	na	na	0
8. Rabbits	08	na	08	na	08
9. Non-human Primate	na	na	na	na	0
10. Sheep	na	na	na	na	0
11. Pigs	na	na	na	na	0
12. Other Farm Animals	na	na	na	na	0
13. Other Animals	na	na	na	na	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

10/11/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0103

CUSTOMER NO.  
365

FORM APPROVED  
OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

VILLANOVA UNIVERSITY  
800 LANCASTER AVE.  
VILLANOVA, PA 19085

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS(sites)

VILLANOVA UNIVERSITY- DEPT. OF BIOLOGY  
VILLANOVA, PA 19085

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/01/2002

### APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

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Registration Number: 23-R-0103  
Customer Number: 365  
Facility: VILLANOVA UNIVERSITY  
800 LANCASTER AVE.  
VILLANOVA, PA 19085

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Villanova University Dept. of Psychology  
800 Lancaster Ave.  
Villanova, PA 19085

DEC 27 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0111  
CUSTOMER NUMBER: 367

FORM APPROVED  
OMB NO. 0579-0035

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Lock Haven University  
Psychology Department  
308 Robinson Hall  
Lock Haven, PA 17745

Telephone: (717) -893-2233

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	3	2	0	0	2
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Rats N/A	12	2	7	2	7

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

12/20/02

2012

See attached form for additional information

Interagency Report Control No. 

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0114  
CUSTOMER NUMBER: 358

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Jackson Immunoresearch Labs, Inc.  
872 W. Baltimore Pike  
P.O. Box 9  
West Grove, PA 19390

Telephone: (610) -869-4067

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Jackson ImmunoResearch Labs, Inc., 872 West Baltimore Pike, West Grove, PA 19390  
FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goats	7	48	0	0	48
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11-6-02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV 15 2002

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

1. CERTIFICATE NUMBER: 23-R-0115  
CUSTOMER NUMBER: 359

FORM APPROVED  
OMB NO. 0579-0038

Hamot Medical Center  
201 State St.  
Erie, PA 16550

Telephone: (814) -877-2684

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing Hamot Medical Center

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats			6		6
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGN	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print	DATE SIGNED 11/11/02
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Hamot Medical Center  
201 State Street  
Erie, PA 16550  
(814) 877-6000  
www.hamot.org



23 12/01/02  
Hold to verify & correct  
Swenson  
✓ 11/20/02 not seen  
C/10/02

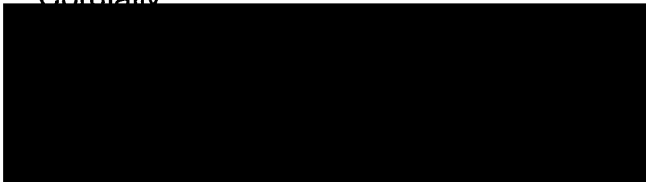
Elizabeth Goldentyer, DVM  
Regional Director – Animal Care Eastern Region  
United States Department of Agriculture  
Animal and Plant Health Inspection Service  
920 Main Campus Drive, Suite 200, Unit 3040  
Raleigh, NC 27606-5213

Dear Dr. Goldentyer:

Attached is the annual report for regulated animal usage by Hamot Medical Center for the calendar year October 1, 2001 through September 30, 2002. Originally, I initiated this report via the Internet but our administrators preferred direct endorsement of the document. While both documents contain identical disclosures, please ignore the Internet draft and use the enclosure for reporting. This will preclude redundant reporting of information from our facility.

If you have any questions, you can contact me directly at (814) 877-2684. Thank you.

Cordially





UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0122  
CUSTOMER NUMBER: 369

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Lampire Biological Laboratories, Inc.  
P. O. Box 270  
Pipersville, PA 18947  
Telephone: (215) -795-2838

NOV 26 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	8	0	0	0
8. Rabbits	0	1006	718	0	1724
9. Non-human Primate	0	0	0	0	0
10. Sheep	41	104	0	0	104
11. Pigs	0	0	2	0	2
12. Other Farm Animals					
Horses	0	12	0	0	12
13. Other Animals					

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
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- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/25/02

*EG 11/21/02*



APHIS Form 7023 Site List

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Registration number:	23-R-0122
Customer Number:	369
Facility:	Lampire Biological Labs, Inc. PO Box 270 Pipersville, PA 18947 215-795-2838

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Lampire Biological Labs  
3599 Farm School Road  
Ottsville, PA 18947

Everett Facilities  
9442 Clear Ridge Rd.  
Everett, PA 15537

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 23-R-0124	CUSTOMER NO. 370	FORM APPROVED OMB NO. 0579-0036
2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)		
WILSON COLLEGE 1015 PHILADELPHIA AVE CHAMBERSBURG, PA 17201 (717) 284-4141		

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

NOV 29 2002

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, teaching, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (sites)

See Attached Listing  
 The Helen M. Beach Veterinary Medical Center  
 Paul Swain Havens Science Center  
 Veterinary Medical Technology Large Animal Facility

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely effected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	41	0	41
5. Cats	0	0	20	0	20
6. Guinea Pigs	0	3	0	0	3
7. Hamsters	0	1	0	0	1
8. Rabbits	0	2	0	0	2
9. Non-Human Primates	0	0	0	0	0
10. Sheep	0	11	0	0	11
11. Pigs	0	20	0	0	20
12. Other Farm Animals					
Cattle	0	8	0	0	8
13. Other Animals					
Gerbils	0	3	0	0	3

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 11/25/02
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NOV 14 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0128

CUSTOMER NUMBER: 364

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Delmont Laboratories, Inc.  
P.O. Box 269  
Swarthmore, PA 19081

Telephone: (215) -543-2747

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Mice	80				80

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/12/02

NOV 0 - 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0133  
CUSTOMER NUMBER: 374

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

University of Scranton  
800 Linden Street  
Scranton, PA 18510

Telephone: (570) -941-6180

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being ... bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs			14		14
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIC

AL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

*10/23/02*

APR

ORM 18-23 (OCT 88), which is obsolete.

( AUG 91 )

APHIS Form 7023 Site List

The following sites have been reported by the facility.

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Registration Number: 23-R-0133  
Customer Number: 374  
Facility: UNIVERSITY OF SCRANTON  
800 LINDEN STREET  
SCRANTON, PA 18510  
(570) 941-6180

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~~LOYOLA~~  
~~LOYOLA~~ HALL ANIMAL FACILITIES  
800 LINDEN STREET  
SCRANTON, PA 18510

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0135  
CUSTOMER NUMBER: 376

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Delaware Valley College Of Sci. & Agr.  
700 E. Butler Ave.  
Doylestown, PA 18901

Telephone: (215) -345-1500

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) ~~See Attached Listing~~ Allman Bldg. & Mandell Bldg.

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		4			4
5. Cats					
6. Guinea Pigs		28			28
7. Hamsters	11	91			102
8. Rabbits	6	37			43
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils		80			80

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

1/28/02



OCT 04 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0137

CUSTOMER NUMBER: 8206

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Centocor, Inc.  
200 Great Valley Parkway  
Malvern, PA 19355

Telephone: (999) -999-9999

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Centocor, Inc., Malvern, PA

FACILITY LOCATIONS ( Sites ) - See Attached Listing

Centocor, Inc.  
145 King of Prussia Road  
Radnor, PA 19087

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

30 SEP 02

which is obsolete.

NOV 25 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0139

CUSTOMER NUMBER: 368

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**

(TYPE OR PRINT)

The Western Pennsylvania Hospital Foundation  
Research Institute  
720 Gross Street  
Pittsburgh, PA 15224

The Western Pa Hospital Foundation  
4818 Liberty Ave  
Pittsburgh, PA 15224

Telephone: (412)-578-5153

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primate					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					

**ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/21/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0141  
CUSTOMER NUMBER: 373

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

NOV 29 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	N/A	N/A	N/A	N/A	N/A
5. Cats	N/A	N/A	N/A	N/A	N/A
6. Guinea Pigs	25	0	118	0	118
7. Hamsters	N/A	N/A	N/A	N/A	N/A
8. Rabbits	115	121	485	0	1212
9. Non-human Primate	N/A	N/A	N/A	N/A	N/A
10. Sheep	4	1	0	0	1
11. Pigs	N/A	N/A	N/A	N/A	N/A
12. Other Farm Animals					
GOATS	6	13	2	0	15
13. Other Animals	N/A	N/A	N/A	N/A	N/A

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL / Type or Print

DATE SIGNED

11/26/01

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0143

CUSTOMER NO.  
380

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

WEST CHESTER UNIVERSITY  
SCHMUCKER SCIENCE CENTER  
WEST CHESTER, PA 19383  
(610) 436-1023

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS/sites)

See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		3	0	0	3
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals		1 chicken	0	0	1
13. Other Animals	NONE				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/7/02

APHIS Form 7023 Site List

The following sites have been reported by the facility.

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Registration Number: 23-R-0143  
Customer Number: 380  
Facility: WEST CHESTER UNIVERSITY  
SCHMUCKER SCIENCE CENTER  
WEST CHESTER, PA 19383  
(610) 436-1023

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WEST CHESTER UNIVERSITY  
WEST CHESTER UNIVERSITY  
BOUCHER SCIENCE BUILDING  
WEST CHESTER, PA 19383

SEP 23 2002

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

Interagency Report Control No. *9/20/02*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0146  
CUSTOMER NUMBER: 710

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Buckshire Corporation  
2025 Ridge Road  
Perkasie, PA 18944

Telephone: (215) -257-0116

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

DATE SIGNED

*9/20/02*

OCT 28 2002

This report is required by law (7 USC 2143) Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Set reverse side for additional information

Interagency Report Control No 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE  <b>ANNUAL REPORT OF RESEARCH FACILITY</b> (TYPE OR PRINT)	1. REGISTRATION NO. <b>23-R-0147 Customer No. 702</b>	FORM APPROVED OMB NO 0579-0036
	2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA Include Zip Code) <b>Wyeth Vaccines</b> <b>P.O. Box 304</b> <b>206 N. Biddle Street</b> <b>Marietta, PA 17547-0304</b>	
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)		

## FACILITY LOCATIONS (Sites)

Wyeth Vaccines - Marietta

Wyeth Vaccines- Pearl River (10/01/01 to 05/30/02) Site

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		1880			1880
7. Hamsters					
8. Rabbits		1312	4		1316
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Horses		37			37
13 Other Animals					
Ferrets			352		352

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10/23/02

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0151  
CUSTOMER NUMBER: 1688

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)

Wilkes University  
Wilkes University  
170 S. Franklin Street  
Wilkes Barre, PA 18766

Telephone: (570)-408-4000

NOV 29 2002

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

954 St. Mary's Road  
Mountaintop, PA 18707

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  (COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Squirrels Eastern Gray	0	12	0	0	12

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/20/02



OCT 04 2002

Interagency Report Control No.

*[Signature]*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0153

CUSTOMER NUMBER: 1773

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Lehigh Carbon Community College  
4525 Education Park Drive  
Schnecksville, PA 18078

Telephone: (610) -799-1754

REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

*Vet Tech Barn Only*

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
Dogs	0		0	0	
Cats					
Guinea Pigs		6			6
Hamsters		0			
Rabbits		6			6
Non-human Primate		0			
1. Sheep		0			
2. Pigs		0			
3. Other Farm Animals					
GOATS		5			5
4. Other Animals					
HORSES		2			2
CALVES		2			2

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/2/02

NOV 20 2002

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0154  
CUSTOMER NUMBER: 9012

FORM APPROVED  
OMB NO. 0579-0038

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Allegheny-Singer Research Institute  
320 East North Avenue  
Pittsburgh, PA 15212

Allegheny-Singer Research Institute  
320 E. North Avenue  
15th Floor South Tower  
Pittsburgh, PA 15212

Telephone: (412) -359-3065

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs			46		46
5. Cats	4		4		8
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits			14		14
9. Non-human Primate					0
10. Sheep			14		14
11. Pigs	1		84		85
12. Other Farm Animals					
13. Other Animals					
chinchilla	11		51		62

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/18/02

SEP 27 2002

See attached form for additional information

Interagency Report Control No. *dp*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0155  
CUSTOMER NUMBER: 9776

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

King'S College  
Department Of Psychology  
133 N River St  
Wilkes Barre, PA 18711

Telephone: (570) -208-5900

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

*Room P83 Parente Life Science Cntr*  
*Same address under Item 2*

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0				0
5. Cats	0				0
6. Guinea Pigs	0				0
7. Hamsters	0				0
8. Rabbits	0				0
9. Non-human Primate	0				0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	0				0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

*7/24/02*

OCT 24 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0156  
CUSTOMER NUMBER: 11015

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Geisinger Clinic, Weis Center For Research  
100 North Academy Avenue  
Danville, PA 17822 - 2600

Telephone: 570-271-6659

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Weis Center for Research

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	4	0	0	4
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	16	0	16
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	16	0	16
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SI

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

10/18/02

NOV 25 2002 See attached form for additional information

Interagency Report Control No. *ab*

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0011  
CUSTOMER NUMBER: 285

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Thomas Jefferson University  
1020 Walnut St  
Philadelphia, PA 19107

Telephone: (215) -503-5885

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	13	0	13
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	41	0	0	41
7. Hamsters	0	0	0	0	0
8. Rabbits	0	79	116	0	195
9. Non-human Primate	0	17	16	14	47
10. Sheep	0	0	27	0	27
11. Pigs	0	0	153	0	153
12. Other Farm Animals					
13. Other Animals					
Mini Pigs	0	2	0	0	2
Opossum	0	0	23	0	23

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/19/02

*EG 12/2/02*

**Explanation of Category E****Registration Number: 23-R-0011**

Non-human primates were injected with MPTP to induce signs of Parkinson disease. Animals received careful monitoring and supportive care, but the development of neurologic signs was a necessary feature of this animal model that is required for this research program.

**Reportable IACUC – Approved Exceptions**

The only IACUC – approved exception to USDA regulations and the Guide was to allow water deprivation for non-human primates on a behavioral study of cognitive/motor function. The IACUC has established written guidelines for this procedure.

<b>Site:</b>	005	Office of Animal Resources	Contact Person NE
<b>Status:</b>	Active	College-Curtis/Jefferson Alumni Hall Blueemle Life Sciences Philadelphia, PA 19107-6799 County: Philadelphia	(b)(6), (b)(7)c

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0012  
CUSTOMER NUMBER: 286

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Glaxo Smith Kline  
709 Swedeland Road  
P.O. Box 1539  
King Of Prussia, PA 19406

Telephone: (610) -270-4800

NOV 15 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

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4. Dogs	130	286	402	8	696
5. Cats	8	0	40	0	40
6. Guinea Pigs	59	498	1335	126	1959
7. Hamsters	12	0	52	0	52
8. Rabbits	0	281	1007	0	1288
9. Non-human Primate	95	308	558	0	866
10. Sheep	0	0	0	4	4
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Ferrets	10	0	104	0	104
Tree Shrews	0	6	0	0	6
Cotton Rats	0	0	100	0	100

**ASSURANCE STATEMENTS**

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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O.

IAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

11/12/02



232012

### APHIS Form 7023 Site List

The following sites have been reported by the facility.

---

Registration Number: 23-R-0012  
Customer Number: 286  
Facility: GlaxoSmithKline  
709 Swedeland Road  
P.O. Box 1539  
King of Prussia, PA 19406-0939  
(610)270-4800

---

GlaxoSmithKline (Valley Forge Area)  
709 Swedeland Road  
King of Prussia, PA

Upper Merion Site (Buildings 3, 4, 21, 26)  
709 Swedeland Road  
King of Prussia, PA 19406-0939

Upper Providence Site (Building 2)  
1250 South Collegeville Road  
Collegeville, PA 19426

GlaxoSmithKline (Research Triangle Park)  
5 Moore Drive  
Research Triangle Park, NC 27709

Drug Evaluation Laboratory  
Drug Safety Assessment Laboratory  
Moore Drive Site  
Research Triangle Park, NC 27709

Toxicology Animal Facility  
Research Commons II  
Cornwallis Road Site  
Research Triangle Park, NC 27709

2525012

*Proprietary Information*

**Explanation of Animals Listed in Column E  
2001-2002 USDA Annual Report for Registration Number 23-R-0012**

The four sheep listed under Column E were given a novel formulation of a compound developed as a respiratory protectant. At several timepoints postdosing, the sheep were challenged with a substance that induced partial bronchoconstriction and respiratory parameters were measured. If there were no signs that the respiratory protecting compound alleviated or prevented the bronchoconstriction, the study was terminated. All sheep remained alert and responsive throughout the study. Each of the animals showed signs of respiratory distress, resulting from the induced bronchoconstrictive episodes. The distress was deemed to be mild to moderate in severity and was of a transient nature lasting from five to ten minutes following challenge with the bronchoconstriction causing compound. Chemical intervention in the form of analgesics and/or anesthetics were not used due to the respiratory parameters assessed and the physiology of the model. Pain itself was not a factor in these animals but anxiety from the bronchoconstrictive episodes was deemed responsibility for the behavioral signs of distress noted. A low dose of xylazine was used to provide tranquilization (of undetermined benefit) but higher doses would have interfered with the actions of the test compound.

Eighty-four of the guinea pigs listed under Column E were administered a novel formulation of a respiratory protecting compound. At several timepoints, the guinea pigs were then challenged via inhalation with a compound that causes partial bronchoconstriction and respiratory parameters were measured to determine the lasting effect of the protecting compound. If there were no signs that the respiratory protecting compound alleviated or prevented the bronchoconstriction, the study was terminated. The animals remained alert and responsive throughout the study. Guinea pigs did experience mild to moderate transient respiratory distress in varying degrees lasting from five to ten minutes. Due to the scientific endpoints assessed (respiratory function) and to the physiology of the model, no analgesics and/or anesthetics were deemed useful, and were felt to be potentially detrimental to the experimental objectives.

Forty-two of the guinea pigs listed under Column E were used in a study in which they were infected cutaneously with alpha Herpes virus by dermal scarification. These animals developed cutaneous lesions, meningitis, encephalitis resulting in some acute mortality. The study was designed in part to assess the anti-herpetic

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.  
23-R-0016

CUSTOMER NO.  
289

FORM APPROVED  
OMB NO 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UNIVERSITY OF PITTSBURGH  
3500 TERRACE STREET S1040 BIO SCI. TWR.  
PITTSBURGH, PA 15261

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

## FACILITY LOCATIONS/sites

UNIVERSITY OF PITTSBURGH  
PITTSBURGH, PA 15261

RIDC PARK  
BLAWNOX, PA 15238

PLUMBOROUGH PRIMATE FACILITIES  
HOLIDAY PARK, PA 15239

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			104		104
5. Cats	4	4	37		41
6. Guinea Pigs		10	105		115
7. Hamsters	1	4	29		33
8. Rabbits	14	326	975		1301
9. Non-Human Primates	100	152	186	5	343
10. Sheep			1		1
11. Pigs		2	293		295
12. Other Farm Animals					
Calves	2		60		60
13. Other Animals					
Ferrets	2		26		26
Prairie Dogs	7	31			31

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/15/2002

EG  
12/2/02

### APHIS Form 7023 Column E Explanation

This form is intended as an aid to completing the APHIS Form 7023 Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

---

1. Registration Number: 23-R-0016

2/3. Species (common name) & Number of animals used in this study:

Non-Human Primates (5)

4. Explain the procedure producing pain and/or distress.

The goal of this research is to develop a non-human primate model of tuberculosis that resembles human tuberculosis. We infect cynomolgus monkeys with virulent *M. tuberculosis*. In a subset of animals, the disease progresses to advanced tuberculosis, necessitating euthanasia. Monkeys with advanced disease may be experiencing pain or distress, and these monkeys are classified as category E.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

The method used to relieve distress in this situation would be treatment of the actual disease. In humans with tuberculosis, treatment involves a long course of antibiotics which eliminates the infection. If we used antibiotics in our monkeys, this would no longer be a model for active disease, but would instead be a model of cured tuberculosis. That would not further the goals of our research, which is to understand the immune responses associated with various outcomes of infection with *M. tuberculosis*. Therefore, we cannot use antibiotics. Other pain relievers are not standard in this treatment. We monitor our animals closely and euthanize them when they display signs of advanced disease.

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency: N/A

CFR:

### APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

---

Registration Number: 23-R-0016  
Customer Number: 289  
Facility: UNIVERSITY OF PITTSBURGH  
3500 TERRACE STREET S1040 BIO SCI. TWR.  
PITTSBURGH, PA 15261

---

Please add this facility under the 3a University of Pittsburgh site:

McGowan Institute  
3025 East Carson Street  
Pittsburgh, PA 15203

NOV 25 2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0018  
CUSTOMER NUMBER: 303

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Wyeth Research Division  
Of Wyeth Pharmaceuticals Inc  
P.O. Box 8299  
Philadelphia, PA 19101

Telephone: (215) -971-2610

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	207	424	228	74	726
5. Cats					
6. Guinea Pigs	93	145	927	45	1117
7. Hamsters	108	600	0	0	600
8. Rabbits	94	492	116	26	634
9. Non-human Primate	313	311	80	101	492
10. Sheep					
11. Pigs		1			1
12. Other Farm Animals					
13. Other Animals					
Gerbils			263		263
Ferrets	8	77	102		179

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/22/02

**CONFIDENTIAL**

**Attachment to APHIS Form 7023**  
**Column E Explanation for USDA Reporting Year**  
**October 1, 2001 through September 30, 2002**

**Registration Number: 23-R-0018**

Seventy-four dogs were used in oral or intravenous tests to assess the safety of new pharmaceuticals wherein unanticipated signs of gastro-intestinal intolerability (emesis and or diarrhea) or one or more signs of organ system involvement (inappetence, lethargy, ataxia, respiratory changes) were observed following dosing. All animals showing signs of pain or distress were attended by specially qualified veterinary staff and any animals with severe or chronic signs of pain or distress were provided appropriate veterinary medical care. Safety assessment studies are required for the approval of human pharmaceuticals by international drug regulatory authorities and the FDA (Food, Drug and Cosmetics Act, CFR Title 21). Prior to the conduct of these studies, the IACUC determined that no alternatives were available and that the minimum numbers of animals of the appropriate species were used, consistent with obtaining valid results. The IACUC approved the withholding of treatment to insure that unexpected interactions of the treatment with the test compound or the masking of clinical signs required for safety assessment did not occur. Either would interfere with the interpretation of results and possibly invalidate the study. Invalid studies would need to be repeated, requiring the use of additional animals.

One hundred and one non-human primates were used in oral or intravenous tests to assess the safety of new pharmaceuticals wherein unanticipated signs of gastro-intestinal intolerability (emesis or diarrhea) or one or more signs of organ system involvement (inappetence, lethargy, ataxia, and respiratory changes) were observed following dosing. All animals showing signs of pain or distress were attended by specially qualified veterinary staff and any animals with severe or chronic signs of pain or distress were provided appropriate veterinary medical care. Safety assessment studies are required for the approval of human pharmaceuticals by international drug regulatory authorities and the FDA (Food, Drug and Cosmetics Act, CFR Title 21). Prior to the conduct of these studies, the IACUC determined that no alternatives were available and that the minimum numbers of animals of the appropriate species were used, consistent with obtaining valid results. The IACUC approved the withholding of treatment to insure that unexpected interactions of the treatment with the test compound or the masking of clinical signs required for safety assessment did not occur. Either would interfere with the interpretation of results and possibly invalidate the study. Invalid studies would need to be repeated, requiring the use of additional animals.

Twenty-six rabbits were used in oral or intravenous tests to assess the safety of new pharmaceuticals wherein unanticipated signs of gastro-intestinal intolerability (emesis or diarrhea) or one or more signs of organ system involvement (inappetence, lethargy, ataxia, respiratory changes) were observed following dosing. All animals showing signs of pain or distress were attended by specially qualified veterinary staff and any animals with severe or chronic signs of pain or distress were provided appropriate veterinary medical care. Safety assessment studies are required for the approval of human pharmaceuticals

by international drug regulatory authorities and the FDA (Food, Drug and Cosmetics Act, CFR Title 21). Prior to the conduct of these studies, the IACUC determined that no alternatives were available and that the minimum numbers of animals of the appropriate species were used, consistent with obtaining valid results. The IACUC approved the withholding of treatment to insure that unexpected interactions of the treatment with the test compound or the masking of clinical signs required for safety assessment did not occur. Either would interfere with the interpretation of results and possibly invalidate the study. Invalid studies would need to be repeated, requiring the use of additional animals.

Thirty-two guinea pigs were used in vaccine research as a disease model for genital herpes infection to establish the correct virus dose. Animals are infected and monitored. The study is designed to evaluate the efficacy of vaccine candidates that employ various alternative strategies in the treatment and prevention of human genital herpes infection. Use of anesthetics, analgesics or tranquilizers would interfere with assessment of the vaccine efficacy. Prior to the conduct of these studies, the IACUC determined that no alternatives were available and that the minimum numbers of animals of the appropriate species were used, consistent with obtaining valid results.

Thirteen guinea pigs were injected subcutaneously with Diphtheria Standard Antitoxin and Toxin mixture or with pooled serum and Standard Toxin mixture. The animals were monitored twice daily for five days to determine the potency of diphtheria toxoids as required by the NIH Minimum Standards for Diphtheria Toxoid. The use of anesthetics, analgesics or tranquilizers is prohibited by NIH requirements. Their use would alter the outcome of the assay. Prior to the conduct of these studies, the IACUC determined that no alternatives were available and that the minimum numbers of animals of the appropriate species were used, consistent with obtaining valid results.



Attachment to APHIS Form 7023  
IACUC –Approved Exceptions for USDA Reporting Year  
October 1, 2001 through September 30, 2002

Registration Number: (23-R-0018)

Fifty dogs were excepted from exercise under an approved IACUC protocol. Radioisotopes were administered to the animals requiring the animals to remain in their cages in order to collect urine, blood and stool samples. During this time (7 days or less), the animals were not allowed out of their cages to exercise. After completion of the study (7 days or less), the dogs were allowed to exercise daily in a confined area in order to contain any residual radioactivity they may excrete while outside their cages. Once it was determined that the amount of radioactivity in the dogs' urine and feces fell below approval limits, the dogs were returned to the general pool.

CONFIDENTIAL

2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0023  
CUSTOMER NUMBER: 309

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

University Of Pennsylvania  
Office Of The Vice Provost For Research  
119 College Hall  
Mail Code 6303  
Philadelphia, PA 19104  
  
Telephone: (215)-898-7236

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	149	643	914	0	1,557
5. Cats	48	582	161	0	743
6. Guinea Pigs	0	51	291	1	343
7. Hamsters	0	36	99	0	135
8. Rabbits	0	122	313	0	435
9. Non-human Primate	0	3	146	0	149
10. Sheep	0	21	202	0	223
11. Pigs	0	8	573	0	581
12. Other Farm Animals					
Goats	0	5	9	0	14
13. Other Animals					
Gerbils	0	47	53	0	100
Ferrets	0	0	6	0	6
Bovine	0	11	5	0	16

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print )

DATE SIGNED

EG 11/2/02

FORM APPROVED  
OMB NO. 0579-0036

University of Pennsylvania  
Office of the Vice Provost for Research  
119 College Hall, M.C. 6303  
Philadelphia, PA 19104  
Telephone: (215) 898-7236

[illegible]

## ASSURANCE STATEMENTS

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

## Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

---

1. Registration Number: 23-R-0023
2. Number 1 of animals used in this study.
3. Species (common name) Guinea pigs of animals used in this study.
4. Explain the procedure producing pain and/or distress.

(b)(4)

A large black rectangular redaction box covering the text for question 4.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below.)

(b)(4)

A large black rectangular redaction box covering the text for question 5.

(Continued on separate page as "Attachment 1".)

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency \_\_\_\_\_ CFR \_\_\_\_\_

Optional Column E Explanation Form

Registration No. 23-R-0023  
1 Guinea Pig

Question No. 5 (cont'd.)

(b)(4)



APHIS Form 7023 Site List

The following sites have been reported by the facility:

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Registration Number: 23-R-0023

Customer Number: 309

Facility: University of Pennsylvania  
Office of the Vice Provost for Research  
119 College Hall, M.C. 6303  
Philadelphia, PA 19104  
(215) 898-7236

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School of Medicine/Vet Hospital/University of Pennsylvania  
Philadelphia and New Bolton Center Campuses  
Philadelphia, PA 19104

University of Pennsylvania at Lab Animal Breeder & Services (LABS)  
95 Castle Hall Road  
Yemassee, SC 29945  
(843) 589-5190

Interagency Report Control No  
0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

Customer #  
4 353

FORM APPROVED  
OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT  
OF RESEARCH FACILITY  
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA  
Include Zip Code)

LEHIGH UNIVERSITY  
RESEARCH & SPONSORED PROGRAMS  
526 BRODHEAD AVENUE, #23B  
BETHLEHEM, PA 18015-3046  
(610) 758-3021

## REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

[illegible]

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

**SIGNATURE OF CEO OR INSTITUTIONAL OFFICIAL**

NAME &amp; TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

H/26/02

EG 12/5/02

### Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: 23-R-0064

2. Number 190 of animals used in this study.

3. Species (common name) Hamster of animals used in the study.

4. Explain the procedure producing pain and/or distress.

See Attached

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102):

Agency \_\_\_\_\_ CFR \_\_\_\_\_



## EXEMPTION FROM FEEDING STANDARD

Explanation of the procedures for which anesthetics will not be given.

Since we are studying the nutritional and energetic signals that control reproduction, in some of our experiments, animals are food restricted or fasted. During fasting or food restriction, no anesthesia or analgesics are given because the animals are not in pain or distress. However, despite the fact that the animals are not in pain or distress, we have been asked to fill in the number of animals that are food restricted or fasted in the space labeled "E" on Interagency Report Control NO. 01800-DOA-AN.

In our experiments, hamsters are food restricted or fasted to the extent that estrous cycles are interrupted but are not restricted further. When animals are fasted or food restricted, effects on fertility and ovulation occur long before any other adverse health consequences (Merry and Holehan, 1979; Merson and Kirkpatrick, 1981, Bronson, 1989). This is because animals have a sensory system designed to detect internal energy availability (Schneider, 1992). The sensory detectors of fuel availability send signals to parts of the brain that control fertility and ovulation as well as those areas that control hunger, food intake and caloric homeostasis. My experiments are designed to study the mechanisms that underlie this link between energy and fertility. Thus, in most experiments, hamsters are fasted to a degree that induces infertility and anestrus, but not to a degree that causes health problems. This is possible because fertility is affected prior to any effect on general health. All of the available information on the effects of food deprivation in Syrian hamsters comes from work in my own laboratory or in the laboratories of Drs. George N. Wade and Lawrence P. Morin. For example, Dr. Morin (Morin, 1975; 1986) found that a 48 hour fast, but not a 24 or 36 hour fast, on days 1 and 2 of the estrous cycle induced anestrus, but this fast had no other health effects. NOTE: Hamsters have a 4-day estrous cycle with ovulation and estrous behavior occurring on Day 4. One important piece of evidence demonstrating that a 48 h of fast is not harmful to Syrian hamsters is that when the 48 hour fast occurs on Days 2 and 3, Days 3 and 4, or on Days 4 and 1 of the cycle, there is no effect on estrous cyclicity (the hamsters showed normal ovulation rates and vigorous sex behavior). Ovulation and estrous behavior are inhibited only when the fast occurs on Days 1 and 2 of the estrous cycle, but not on any other days. Morin also found that normal estrous behavior could be easily reinstated in the 48 hour fasted hamsters by giving an injection of estradiol. Furthermore, the effects on estrous cyclicity are rapidly reversed when the hamsters are returned to ad lib feeding. I subsequently demonstrated that the same 48 hour fast had no effect on estrous cyclicity or health in previously fattened hamsters (Schneider and Wade, 1989, Schneider and Wade, 1990). Thus, a 48 hour fast has no effect on estrous cyclicity whatsoever when the hamsters have a high body fat content. In general, the fatter the hamster, the longer the period of food restriction necessary to induce anestrus. As long as the hamsters have been fed ad libitum prior to the 48 h fast, there is little effect on fertility. Again, it is critical to understand that the effects on fertility occur prior to any generalized health problems. In my experiments, the most extreme form of caloric restriction will be a 60 h fast that occurs on days 1 and 2 of the estrous cycle. Body weight is recorded and general health condition is monitored daily. In addition to a fasted group, other groups will be fasted and injected (or infused) with metabolic fuels or nutrients to examine their role in maintenance of normal reproductive function. Hamsters in the laboratory tend to

become obese as they grow older. In some experiments, obese hamsters will be restricted to 85% of their ad libitum intake for up to one week prior to the start of the experiment to insure that they are not too fat, but still show normal estrous cycles and no signs of poor health.

Analgesics are not appropriate because we are measuring indices of estrous cyclicity which is under control of hypothalamic luteinizing hormone releasing hormone (LHRH), also known as gonadotropin releasing hormone (GnRH). LHRH and LH levels are adversely affected by opiates because it is well-known that opiates and opiate derivatives, including analgesics such as buprenorphine, butorphenol and morphine, affect pituitary hormone secretion and hypothalamic LHRH (GnRH) secretion (2-12).

## References

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3. Mendelson, J.H., Ellingboe, J., Mello, N.K. and Kuehnle, J. Buprenorphine effects on plasma luteinizing hormone and prolactin in male heroin addicts. *J.Pharmacol.Exp.Ther.* 220:252-255, 1982.
4. Rolandi, E., Marabini, A., Franceschini, R., Messina, V., Bongera, P. and Barreca, T. Changes in pituitary secretion induced by an agonist-antagonist opioid drug buprenorphine. *Acta.Endocrinol.* 104:257-260, 1983.
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7. Fayez, M., Ahmed, H.H., el Nabarawy, F., Shokery, I.M. and el-Bauomy, A.M. Effects of butorphanol on luteinizing hormone and follicle stimulating hormone levels in ovariectomized rats---comparative study with morphine sulphate. *Arch.Exp.Veterinarmed.* 45:101-103, 1991.
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10. Cicero, T.J., Nock, B. and O'Connor, L. Naloxone does not reverse the inhibitory effect of morphine on luteinizing hormone secretion in prepubescent male rats. *J.Pharmacol.Exp.Ther.* 264:47-53, 1993.
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12. He, J.R., Molnar, J. and Barraclough, C.A. Morphine amplifies norepinephrine (NE)-induced LH release but blocks NE-stimulated increases in LHRH mRNA levels: comparison of responses obtained in ovariectomized, estrogen-treated normal and androgen-sterilized rats. *Brain Res.Mol.Brain Res.* 20:71-78, 1993.

2002

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0084  
CUSTOMER NUMBER: 349

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Aventis Pasteur, Inc.  
Discovery Drive  
Swiftwater, PA 18370

Telephone: (570) -839-7187

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs		3395	786	1216	5397
7. Hamsters					
8. Rabbits	30	295			295
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/12/02

### Column E Explanation Form

1. Registration number: 23-R-0084
2. Category E Animal Usage reported in Annual Report of Research Facility.

Category E tests conducted in guinea pigs: Tests were conducted involving pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected results of the tests.

(b)(4)

Column E Explanation Form  
(cont'd)

(b)(4)



1. REGISTRATION NO. 23-R-0099

FORM APPROVED  
OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CUSTOMER NO. 363 NOV 29 2002

CM

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. PRIMEDICA CORPORATION-/ARGUS RESCH.  
Div. of Charles River Laboratories, Inc.  
905 Sheehy Drive  
Horsham, PA 19044

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) - See Attached Listing

Report for Oct 1, 2001 -Oct 31, 2001

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)					
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	101	422	19	21	462
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

## CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/23/02

EG  
12/23/02



REVIEW OF COLUMN "E" STUDIES

CHARLES RIVER LABORATORIES- HORSHAM, PA (014)

Column E Explanation

There were a total of 21 rabbits in column E during this reporting period. These rabbits were assigned to studies that were developmental and reproductive toxicity tests being conducted for sponsors as required by the United States FDA, EPA or OECD governmental agencies. Toxicity related to the product being tested resulted in rabbits being sacrificed due to adverse clinical observations and rabbits that were found dead with normal to adverse clinical signs associated with the toxicity.

Attached is a page listing Health Effects Test Guidelines for chemicals, cross-referenced to include citations for EPA TSCA, FIFRA and the OECD. This list includes reproductive and neurotoxicity test guidelines.

The Federal Register reference requiring pharmaceutical safety testing in animals is CFR 21. Guidance for study design and conduct is provided by the ICH Guidelines (International Conference on Harmonisation: Guidelines on detection of toxicity to reproduction for medicinal products; Federal Register, September 22, 1994, Vol. 59, No. 183).

23 ROD99

EPA Sea

## Series 870—Health Effects Test Guidelines

OPPTS Number	Name	Existing Numbers			EPA Pub. no.
		OTS	OPP	OECD	712-C-
	<b>Group A—Acute Toxicity Test Guidelines.</b>				
870.1000	Acute toxicity testing—background	none	none	none	96-189
870.1100	Acute oral toxicity	798.1175	81-1	401	96-190
870.1200	Acute dermal toxicity	798.1100	81-2	402	96-192
870.1300	Acute inhalation toxicity	798.1150	81-3	403	96-193
870.1350	Acute inhalation toxicity with histopathology	none	none	none	96-291
	<b>Group B—Specific Organ/Tissue Toxicity Test Guidelines.</b>				
870.2400	Acute eye irritation	798.4500	81-4	405	96-195
870.2500	Acute dermal irritation	798.4470	81-5	404	96-196
870.2600	Skin sensitization	798.4100	81-6	406	96-197
	<b>Group C—Subchronic Toxicity Test Guidelines.</b>				
870.3100	90-Day oral toxicity	798.2650	82-1	408	96-199
870.3150	Subchronic nonrodent oral toxicity—90-day	none	82-1	409	96-200
870.3200	Repeated dose dermal toxicity—21/28 days	none	82-2	410	96-201
870.3250	Subchronic dermal toxicity—90 days	798.2250	82-3	411	96-202
870.3465	Subchronic inhalation toxicity	798.2450	82-4	413	96-204
870.3500	Preliminary developmental toxicity screen	798.4420	none	none	96-205
870.3800	Inhalation developmental toxicity study	798.4350	none	none	96-206
870.3700	Prenatal developmental toxicity study <sup>1</sup>	798.4900	83-3	414	96-207
870.3800	Reproduction and fertility effects <sup>1</sup>	798.4700	83-4	416	96-208
	<b>Group D—Chronic Toxicity Test Guidelines.</b>				
870.4100	Chronic toxicity	798.3260	83-1	452	96-210
870.4200	Carcinogenicity	798.3300	83-2	451	96-211
870.4300	Combined chronic toxicity/carcinogenicity	798.3320	83-5	453	96-212
	<b>Group E—Genetic Toxicity Test Guidelines.</b>				
870.5100	<i>Escherichia coli</i> WP2 and WP2 uvrA reverse mutation assays	798.5100	84-2	471, 472	96-247
870.5140	Gene mutation in <i>Aspergillus nidulans</i>	798.5140	84-2	none	96-215
870.5195	Mouse biochemical specific locus test	798.5195	84-2	none	96-216
870.5200	Mouse visible specific locus test	798.5200	84-2	none	96-217
870.5250	Gene mutation in <i>Neurospora crassa</i>	798.5250	84-2	none	96-218
870.5265	<i>The Salmonella typhimurium</i> reverse mutation assay	798.5265	84-2	471, 472	96-219
870.5275	Sex-linked recessive lethal test in <i>Drosophila melanogaster</i>	798.5275	84-2	477	96-220
870.5300	Detection of gene mutations in somatic cells in culture	798.5300	84-2	476	96-221
870.5375	In vitro mammalian cytogenetics	798.5375	84-2	473	96-223
870.5380	In vivo mammalian cytogenetics tests: spermatogonial chromosomal aberrations	798.5380	84-2	none	96-224
870.5385	In vivo mammalian cytogenetics tests: Bone marrow chromosomal analysis	798.5385	84-2	475	96-225
870.5395	In vivo mammalian cytogenetics tests: Erythrocyte micronucleus assay	798.5395	84-2	474	96-226
870.5450	Rodent dominant lethal assay	798.5450	84-2	478	96-227
870.5460	Rodent heritable translocation assays	798.5460	84-2	485	96-228
870.5500	Bacterial DNA damage or repair tests	798.5500	84-2	none	96-229
870.5550	Unscheduled DNA synthesis in mammalian cells in culture	798.5550	84-2	482	96-230
870.5575	Mitotic gene conversion in <i>Saccharomyces cerevisiae</i>	798.5575	84-2	481	96-232
870.5900	In vitro sister chromatid exchange assay	798.5900	84-2	479	96-234
870.5915	In vivo sister chromatid exchange assay	798.5915	84-2	none	96-235
	<b>Group F—Neurotoxicity Test Guidelines.</b>				
870.6100	Delayed neurotoxicity of organophosphorus substances following acute and 28-day exposure	798.6450, .6540, .6560	81-7, 82-5, 82-6	418, 419	96-237
870.6200	Neurotoxicity screening battery	798.6050, .6200, .6400	81-8, 82-7, 83-1	none	96-238
870.6300	Developmental neurotoxicity study	none	83-6	none	96-239
870.6500	Schedule-controlled operant behavior	798.6500	85-5	none	96-240
870.6850	Peripheral nerve function	798.6850	85-6	none	96-241

## Series 870—Health Effects Test Guidelines—Continued

OPPTS Number	Name	Existing Numbers			EPA Pub. no 712-C-
		OTS	OPP	OECD	
870.6855	Neurophysiology: Sensory evoked potentials	798.6855	none	none	96-242
	Group G—Special Studies Test Guidelines.				
870.7200	Domestic animal safety	none	none	none	96-349
870.7485	Metabolism and pharmacokinetics <sup>2</sup>	798.7485	85-1	417	95-244
870.7600	Dermal penetration	none	85-3	none	96-350
870.7800	Immunotoxicity	none	85-7	none	96-351
	Group H—Health Effects Chemical-Specific Test Guidelines.				
870.8223	Pharmacokinetic test	795.223	none	none	96-250
870.8245	Dermal pharmacokinetics of DGBE and DGBA	795.225	none	none	96-251
870.8300	Dermal absorption for compounds that are volatile and metabolized to carbon di-oxide	795.226	none	none	96-252
870.8320	Oral/dermal pharmacokinetics	795.228	none	none	96-253
870.8340	Oral and inhalation pharmacokinetic test	795.230	none	none	96-254
870.8360	Pharmacokinetics of isopropanol	795.231	none	none	96-255
870.8380	Inhalation and dermal pharmacokinetics of commercial hexane	795.232	none	none	96-256
870.8500	Toxicokinetic test	795.235	none	none	96-257
870.8600	Developmental neurotoxicity screen	795.250	none	none	96-258
870.8700	Subchronic oral toxicity test	795.260	none	none	96-259
870.8800	Morphologic transformation of cells in culture	795.285	none	none	96-260

<sup>1</sup>Notice of availability published at 61 FR 8282, March 4, 1996.

<sup>2</sup>Notice of availability published at 60 FR 45158, August 30, 1995.

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0101  
CUSTOMER NUMBER: 355

FORM APPROVED  
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY  
( TYPE OR PRINT )

White Eagle Laboratories, Inc.  
2003 Lower State Road  
Doylestown, PA 18901

Telephone: (215) -348-3868

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing THIS SITE ONLY

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		125	300	193	618
5. Cats		38	0	30	68
6. Guinea Pigs		-	-	-	-
7. Hamsters		-	-	-	-
8. Rabbits		-	50	46	96
9. Non-human Primate		-	-	-	-
10. Sheep		-	-	-	-
11. Pigs		-	2	6	8
12. Other Farm Animals		-	-	-	-
13. Other Animals					
FERRETS		-	-	24	24

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL ( Type or Print

DATE SIGNED

11/11/02

SG 11/25/02

## Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

---

1. Registration Number: 23-R-0101
2. Number 193 of animals used in these studies.
3. Species (common name) canine of animals used in these studies.
4. Explain the procedure producing pain and/or distress.

### **Toxicology evaluation.**

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

**Federally mandated testing for human or target species (dog). Administering drugs for pain or distress relief could mask pharmacologic, toxicologic effects or create synergistic effects. This study was included in category E because of the strong possibility of excessive emesis, diarrhea or pain which was considered by the IACUC committee to be distressful.**

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number(e.g., APHIS, 9 CFR 113.102):

Agency FDA CFR 21 CFR part 310 and 510 New Drug Application

## Optional Column E Explanation Form

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---

1. Registration Number: 23-R-0101
2. Number 30 of animals used in these studies.
3. Species (common name) Feline of animals used in these studies.
4. Explain the procedure producing pain and/or distress.

### Toxicology Evaluation

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

**Federally mandated testing for target species new drug applications. The administration of pain relieving drugs could mask or inhibit clinical signs or symptoms that need to be observed and reported. These studies were included in category E because of the strong possibility of excessive emesis, diarrhea or pain which were considered by the IACUC committee to be distressful.**

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number(e.g., APHIS, 9 CFR 113.102):

Agency FDA CFR 21 CFR part 510 New Drug Application

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1. Registration Number: 23-R-0101
2. Number 96 of animals used in these studies.
3. Species (common name) Rabbits of animals used in these studies.
4. Explain the procedure producing pain and/or distress.

### Toxicology Evaluation

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

**Federally mandated testing for human new drug applications. The administration of pain relieving drugs could mask or inhibit clinical signs or symptoms that need to be observed and reported.**

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number(e.g., APHIS, 9 CFR 113.102):

Agency FDA CFR 21 CFR part 310 New Drug Application

## Optional Column E Explanation Form

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---

1. Registration Number: 23-R-0101
2. Number 8 of animals used in these studies.
3. Species (common name) Swine of animals used in these studies.
4. Explain the procedure producing pain and/or distress.

### Toxicology Evaluation

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

**Federally mandated testing for human new drug applications. The administration of pain relieving drugs could mask or inhibit clinical signs or symptoms that need to be observed and reported.**

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number(e.g., APHIS, 9 CFR 113.102):

Agency FDA CFR 21 CFR part 310 New Drug Application



## Optional Column E Explanation Form

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---

1. Registration Number: 23-R-0101
2. Number 24 of animals used in these studies.
3. Species (common name) Ferrets of animals used in these studies.
4. Explain the procedure producing pain and/or distress.

### Toxicology Evaluation

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see question 6 below)

**Federally mandated testing for human new drug applications. The administration of pain relieving drugs could mask or inhibit clinical signs or symptoms, i.e. emesis, that need to be observed and reported.**

6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number(e.g., APHIS, 9 CFR 113.102):

Agency FDA CFR 21 CFR part 310 New Drug Application

<p>UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE</p> <p><b>ANNUAL REPORT OF RESEARCH FACILITY</b> (TYPE OR PRINT)</p>	<p>1. CERTIFICATE NUMBER: 23-R-0107 CUSTOMER NUMBER: 366</p>	<p>FORM APPROVED OMB NO. 0579-0036</p> <p style="text-align: right; font-size: 1.5em;">OCT 11 2002</p>
<p>Calvert Preclinical Services 100 Discovery Drive Scott Technology Park Olyphant, PA 18447</p> <p>Telephone: (570) -586-2411</p>		

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	2	145	199	7	351
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	1062	224	26	1,312
7. Hamsters	0	186	0	0	186
8. Rabbits	114	915	86	13	1,014
9. Non-human Primate	0	94	0	0	94
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

900002

(ED) 11/2/02

Column E Explanation

Customer Number: 366

Registration Number: 23-R-0107

Dogs – Three (3) animals were in the high dose level of a toxicity study. These dogs showed decreased activity, dilated and fixed pupils post dose. Dosing was stopped and activity returned to normal within 48 hours. The use of pharmaceuticals to alleviate pain or distress may interfere with the compound being tested, thereby invalidating the data collected which would in turn require repeat testing and increase the number of animals utilized.

Dogs – Four (4) animals were in the high dose level of a toxicity study. These dogs were recumbent and unresponsive post dose and were humanely euthanized. The use of pharmaceuticals to alleviate pain or distress may interfere with the compound being tested thereby invalidating the data collected which in turn would require repeat testing and increase the number of animals utilized.

Guinea Pigs – Twenty-six (26) animals were used as positive controls in skin toxicity testing. The animals developed focal skin necrosis and were humanely euthanized. The use of pharmaceuticals to alleviate pain or distress may interfere with the compound being tested thereby invalidating the data collected which in turn would require repeat testing and increase the number of animals utilized.

Rabbits – Four (4) animals were used as positive controls in skin toxicity testing. The animals developed focal skin necrosis and were humanely euthanized. The use of pharmaceuticals to alleviate pain or distress may interfere with the compound being tested thereby invalidating the data collected which in turn would require repeat testing and increase the number of animals utilized.

Rabbits – Six (6) animals in the high dose level of a primary eye irritation study experienced severe irritation and were humanely euthanized. The use of pharmaceuticals to alleviate pain or distress may interfere with the compound being tested thereby invalidating the data collected which in turn would require repeat testing and increase the number of animals utilized

Rabbits – Three (3) animals were in the high dose level of a toxicity study. The rabbits were recumbent and unresponsive post dose and were humanely euthanized. The use of pharmaceuticals to alleviate pain or distress may interfere with the compound being tested thereby invalidating the data collected which in turn would require repeat testing and increase the number of animals utilized.

OCT 21 2002

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 23-R-0134  
CUSTOMER NUMBER: 375

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
( TYPE OR PRINT )

Rockland, Inc.  
Po Box 326  
Gilbertsville, PA 19525

Telephone: (610)-369-1008

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )**

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being ... bred, conditioned, or held for use in teaching, experiments, research, or surgery but not yet	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	10	0	23	7	30
7. Hamsters	0	0	0	0	0
8. Rabbits	50	742	482	0	1224
9. Non-human Primate	0	0	0	0	0
10. Sheep	3	5	0	0	5
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Goats	3	48	0	0	48
13. Other Animals					
Donkey	2	0	0	0	0

**ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED

10-15-02

ED 11/2/02



ROCKLAND

P.O. BOX 326 • GILBERTSVILLE, PA 19525

OCT 21 2002

Column E Explanation 10/15/02

PHONE: (610) 369-1008

FAX: (610) 367-7825

[www.rockland-inc.com](http://www.rockland-inc.com)

1. Registration Number: 23-R-0134
2. Seven (7) animals were used in the study.
3. Species: Guinea Pig
4. Procedure producing pain and/or distress: Intracardiac puncture without administering any drugs to the guinea pigs.
5. Scientific Justification: None. Rockland was cited for during a Routine USDA inspection on 01/08/02. This procedure will no longer be performed without anesthesia.